



ANNUAL TEACHING PLAN

(Academic Year: 2019-2020)

Dr. T. E. Kumbhar
Associate Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
July- August 2019	B.Com. I		1.1 Meaning of Commercial Geography 1.2 Nature of Commercial Geography 1.3 Scope of Commercial Geography 1.4 Significance of Commercial Geography.
	B.A. II	IV	1.1 Definition and Scope of Resource Geography 1.2 Resource: Concept and Classification 1.3 Importance of Resource Geography
	B.A. III	IX	1.1 Definition of Population Geography 1.2 Nature and Scope of Population Geography 1.3 Significance of Population Geography 1.4 Sources of Population Data
	B.A. III (P)	XIII	1.1 Scale 1.1.1 Meaning and Definition, 1.1.2 Methods of Representation of scale - Verbal, Numerical and Graphical. 1.1.3 Scale Conversion 1.1.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Time and Distance Scale iii) Diagonal Scale 1.2 Map 1.2.1 Map – Definition, Elements 1.2.2 Classification of Maps: Based on Scale and Purpose 1.2.4 Significance and uses of Maps

Month	Class	Paper No.	Units to be completed
August- September 2019	B.Com. I		2.1 Meaning & importance of Resources 2.2 Classification of Resources 2.3 Conservation of Resources & sustainable economic development.

			2.4 Major Bio-Resources & their international trade.
	B.A. II	IV	2.1 Water Resources: Distribution, Utilization and Problems 2.2 Forest Resources: Distribution, Utilization and Problems 2.3 Energy Resources: Distribution, Utilization and Problems 2.4 Human Resources: Distribution, Utilization and Problem
	B.A. III		2.1 World Growth of population 2.2 Factors affecting on the distribution of population 2.3 Population distribution of the world 2.4 Theories of Population Growth: Malthus Theory and Demographic Transition Theor
	B.A. III (P)	XIII	2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 2.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal Polar Stereographic Projection iii) Zenithal polar Equidistant Projection iv) Zenithal Polar Equal Area Projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projection

Month	Class	Paper No.	Units to be completed
September-October 2019	B.Com. I		3.1 Classification of Economic activities. 3.2 Factors affecting Economic activities. 3.3 Economic activities & National economy.
	B.A. II	IV	3.1 Concept of Sustainable Resource Development 3.2 Sustainable Natural Resource Development: Water, Forest and Energy 3.3 Sustainable Human Resource

			Development
	B.A. III	IX	3.1 Concept of Population Dynamics 3.2 Fertility: Causes, Effects and Measures 3.3 Mortality: Causes, Effects and Measures 3.4 Migration: Causes, Effects and Measures 4.1 Meaning of Globalization
	B.A. III (P)	XIII	3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint ii. Quantitative:- Contours, Form lines, Spot Heights, Bench Marks, Triangulation Mark, Relative Height

October-November 2019	University Examination
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Month	Class	Paper No.	Units to be completed
November-December 2019	B.Com. I		1.1 Marketing Geography - Concept & Meaning. 1.2 Marketing Geography - Nature 1.3 Marketing Geography - Scope. 1.4 Marketing Geography- Significance 1.5 Marketing Geography- Primary Components.
	B.A. II	V	1.1 Definition, Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography
	B.A. III	XII	1.1 Definition of Political Geography 1.2 Nature and Scope of Political Geography 1.3 Historical Development of Political Geography 1.4 Significance of Political Geography
	B.A. III (P)	XIII	3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite

			Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile
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Month	Class	Paper No.	Units to be completed
December- January 2020	B.Com. I		2.1 Definition of Market 2.2 Structure & Significance of Markets. 2.3 Geographical factors affecting Market system. 2.4 Classification of Markets.
	B.A. II	V	2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature 2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity 2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean
	B.A. III		Concepts in Political Geography 18 Lectures 01 2.1 State 2.2 Nation 2.3 Boundary 2.4 Frontiers
	B.A. III (P)	XIII	Topographical Maps Periods 50 Marks (15) 4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural environment: Settlements, Transportation and Communication, Irrigation. d) Land Use

Month	Class	Paper No.	Units to be completed
January- February 2020	B.Com. I		3.1 Definition Meaning of and Significance of Agricultural Marketing. 3.2 Nature and approaches to the study of Agricultural Marketing .

			3.3 Process and system of Agricultural Marketing . 3.4 Functions and channels of Agricultural Marketing
	B.A. II	V	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources – Biotic- Mineral and Energy Resources 3.4 Ocean Pollution – Causes, Effects and Measures
	B.A. III	XII	.1 Hartland Theorie - H. J. Mackinder 3.2 Rimland Theorie – N. J. Spykeman
	B.A. III (P)	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
February- March 2020	B.Com. I		4.1 Meaning & Importance of Tourism in India. 4.2 Tourism in Modern Period in India. 4.3 Major tourism centers in a) Jammu & Kashmir, b) Delhi. c) Uttaranchal. d) Maharashtra. e) Goa. f) Kerala.
	B.A. II	V	4.1 Hypsographic Curve 4.2 Wind rose 4.3 Isohalines 4.4 Isotherm

	B.A. III	XII	4.1 Krishna Water Conflict (Inter Satate) 4.2 Ganga Water Conflict (International) 4.3 Issues of Relief, Compensation and Rehabilitation: Sardar Sarovar 4.4 Issues of Relief, Compensation and Rehabilitation: Chandoli Projects
	B.A. III	XIII	Representation of Statistical Data Periods 50 Marks (15) 6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv) Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data

Month	Class	Paper No.	Units to be completed
March- April 2020	B.Com. I	I & II	University Examination
	B.A. II	IV & V	University Examination
	B.A. III	IX, XII, XIII	University Examination

T. E. Kumbhar
(Dr. T. E. Kumbhar)



P.V.P. Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN

(Academic Year: 2019-2020)

Dr. N. S. Pol
Assistant Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
15 June -August 2019	B.A. I	I	Introduction to Physical Geography & Meaning and Definitions, Meaning and Definitions
	B.A. II	III	1.1 Definition, Nature and Scope of Soil Geography 1.2 History of Soil Geography and Pedology 1.3 Significance of Soil Geography
	B.A. III Practical	IX	1.1 Contribution of Greeks and Romans 1.2 Geography in Muslim world 1.3 Renaissance period in Europe 1.4 Renowned travelers and their geographical discoveries
		XIII	1.1 Scale 1.1.1 Meaning and Definition, 1.1.2 Methods of Representation of scale - Verbal, Numerical and Graphical. 1.1.3 Scale Conversion 1.1.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Time and Distance Scale iii) Diagonal Scale 1.2 Map 1.2.1 Map – Definition, Elements 1.2.2 Classification of Maps: Based on Scale and Purpose 1.2.4 Significance and uses of Maps

Month	Class	Paper No.	Units to be completed
August-September 2019	B.A. I	I	<p>2.1 Composition and Structure of Atmosphere</p> <p>2.2 Insolation: Factors affecting on Insolation</p> <p>2.3 Temperature: Distribution of temperature (Vertical and Horizontal)</p> <p>2.4 Atmospheric Pressure: Belts and Planetary Winds.</p>
	B.A. II	III	<p>2.1 Jenny's Factorial Model of Soil Formation: Parent Material, Biotic, Climatic, Relief and Time factor.</p> <p>2.2 Process of Soil Formation: Physical, Biotic and Chemical.</p> <p>2.3 Physical Properties of Soils: Morphology, Texture, Structure, Water, Air and Temperature.</p> <p>2.4 Chemical Properties of Soils: PH, Organic Matter, NPK (Nitrogen, Phosphorous and Potassium).</p>
	B.A. III	IX	<p>2.1 German School of Geography – Humboldt, Ritter</p> <p>2.2 French School of Geography – Blache & Brunhes</p> <p>2.3 American School of Geography – Sauer & Huntington</p> <p>2.4 British School of Geography – Mackinder & Herbertson</p>
	B.A. III Practical	XIII	<p>2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 2.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal Polar Stereographic Projection iii) Zenithal polar Equidistant Projection iv) Zenithal Polar Equal Area Projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projectio</p>

Month	Class	Paper No.	Units to be completed
September- October 2019	B.A. I	I	3.1 Interior of the earth 3.2 Wagner's Continental Drift Theory 3.3 Earthquakes – Causes and Effects 3.4 Volcano – Causes and Effects 4.1 Weathering: Concept and Types 6 4.2 Davis Concept of Cycle of erosion 4.3 Erosional Landforms of river. 4.4 Depositional Landforms of river.
	B.A. II	III	3.1 Genetic Classification of Soils. 3.2 Soil Characteristics and Major Soils Distribution in Maharashtra. 3.3 Soil Degradation: Concept, Causes, Consequences and Measures 4.1 Soil Profile 4.2 Soil Sample: Tools 4.3 Soil Analysis: Saline and Alkaline 4.4 Vermicompost Process
	B.A. III	IX	3.1 Environmental Determinism and Possibilism 3.2 Systematic & Regional geography 3.3 Physical & human geography 3.4 The myth and reality about dualisms 4.1 Quantitative Revolution and its Impact 4.2 Changing Concept of Space in Geography 4.3 Contribution of Indian Geographer 4.4 Future of Geography
	B.A. III Practical	XIII	3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint ii. Quantitative :- Contours, Form lines, Spot Heights, Bench Marks, Triangulation Mark, Relative Height 3.1.2 Expression of

			<p>Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile</p>
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October-November 2019	University Examination
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Month	Class	Paper No.	Units to be completed
26th November- December 2019	B.A. I	II	Definitions of Human Geography 1.2 Scope of Human Geography 1.3 Branches of Human Geography 1.4 Importance of Human Geography
	B.A. II	IV	1.1 Definition, Nature, Scope and Significance of Agricultural Geography 1.2 Evolution of agriculture: Ancient, Medieval and Modern Period 1.3 Determinants of Agriculture: Physical and Human (economic, social, cultural, political and administrative)
	B.A. III	XI	1.1 Urban Geography Introduction: Meaning and Definitions 1.2 Nature of Urban Geography 1.3 Scope of Urban Geography 1.4 Significance of Urban Geography
	B.A. III Practical	XIII	4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural environment: Settlements, Transportation and Communication, Irrigation. d) Land Use

Month	Class	Paper No.	Units to be completed
December- January 2020	B.A. I	II	Factor affecting on distribution of population 2.2 Malthus' theory of Population Growth 2.3 Demographic Transition Theory 2.4 Migration: Types and Effects
	B.A. II	IV	2.1 Major Agricultural Systems: Nomadic Herding, Livestock Ranching, Shifting Cultivation, Intensive Subsistence Farming, Commercial Farming and Horticulture 2.1 Von Thunen's Theory of Agricultural land-use
	B.A. III	XI	2.1 Site and Situation: Significance and Types. 2.2 Concept and Factors of Urbanization. 2.3 Patterns of Urbanization in developed and developing countries. 2.4 Functional classification of cities (Quantitative and Qualitative).
	B.A. III Practical	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
January- February 2020	B.A. I	II	3.1 Types and patterns of rural settlements 3.2 Functions of Rural Settlements 3.3 Factors affecting on urbanization 3.4 Functions of Urban Centers
	B.A. II	III	3.1 Methods of Agricultural Regionalization: Crop Combination and Crop Diversification 3.2 Agricultural Problems: Physical and Non-Physical (Economic, Social, Cultural, Political and Administrative) 3.3 Sustainable Agriculture

	B.A. III	XI	3.1 Concept of Structure and Morphology 3.2 Concept of City Region and C.B.D. 3.3 Rural-Urban Fringes. 3.4 Models of Town Morphology: The concentric Zone Theory, The Sector Theory and the Multi-Nuclei Theory
	B.A. III Practical	XIII	6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv) Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data

Month	Class	Paper No.	Units to be completed
February- March 2020	B.A. I	II	4.1 Origin and History of Agriculture 4.2 Types of Agriculture 4.3 Factors affecting on agriculture 4.4 Problems of Agriculture
	B.A. II	III	4.1 Line Graphs 4.2 Bar Graphs 4.3 Divided Circle 4.4 Proportional Squar
	B.A. III	XI	4.1 Urban Issues: problems of transport). 4.2 Concept of Garden 4.3 Case studies of Delhi, Mumbai, with reference to Land use and Urban Issues
	B.A. III Practical	XIII	Journal Cheeking & Certified Work

Month	Class	Paper No.	Units to be completed
March- April 2020	B.A. I	I & II	University Examination
	B.A. II	III & VI	University Examination
	B.A. III	IX, XI, XIII	University Examination



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2019-2020

Name of Teacher: - Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-I

Subject: DSE-1, Geography

Paper title: Physical Geography.

Paper No.: I

Month	Topic/Unit	Sub-units Planned
June		Syllabus and Introduction
July	Module – I Introduction to Physical Geography	Meaning and Definitions Scope of Physical Geography Branches of Physical Geography Importance of Physical Geography
Aug	Module- II Atmosphere	Composition and Structure of Atmosphere Insolation: Factors affecting on Insolation Temperature: Distribution of temperature (Vertical and Horizontal) Atmospheric Pressure: Belts and Planetary Winds.
Sept	Module – III Lithosphere	Interior of the earth Wagner's Continental Drift Theory Earthquakes – Causes and Effects Volcano – Causes and Effects
Oct	Module – IV Denudation	Weathering: Concept and Types Davis Concept of Cycle of erosion Erosional Landforms of river. Depositional Landforms of river.



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2019-2020

Name of Teacher: - Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-II

Subject: DSE-2 Geography

Paper title: Human Geography.

Paper No.: II

Month	Topic/Unit	Sub-units Planned
June		Syllabus and Introduction
July	Module- I Human Geography	Definitions of Human Geography Scope of Human Geography Branches of Human Geography Importance of Human Geography
Aug	Module –II Population	Factors affecting on distribution of population Malthus' theory of Population Growth Demographic Transition Theory Migration: Types and Effects
Sept	Module –III Settlement	Types and patterns of rural settlements Functions of Rural Settlements Factors affecting on urbanization Functions of Urban Centers
Oct	Module – IV Agriculture	Origin and History of Agriculture Types of Agriculture Factors affecting on agriculture Problems of Agriculture



Shikshan Prasarak Sanstha's

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2019-2020

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II

SEM:-III

Paper: I

Subject: GE-1, Tourism Geography Paper title: Concept in Tourism Geography

Month	Topic/Unit	Sub-units Planned
June		Syllabus and Introduction
July	Module I: Introduction to Tourism Geography	Definition of Tourism and Tourist Nature of Tourism Geography
Aug		Scope of Tourism Geography Historical development of Tourism Significance of Tourism Geography
Sept	Module II: Component of Tourism	Geographical components Social components
Oct		Cultural components Other components

ANNUAL TEACHING PLAN-2019-2020

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II (IDS)

SEM:-II

Paper No.: II

Subject: GE-2, Tourism Geography Paper title: Development and Planning of Tourism

Month	Topic/Unit	Sub-units Planned
June		Syllabus and Introduction
July	Module I: Development and Planning of Tourism in India	Tourism in ancient period Tourism in modern period
Aug		Role of tourism in national economy Tourism planning in India
Sept	Module II: Tourism Centers in India	Natural tourism centers in India Religious tourism centers in India
Oct		Cultural tourism centers in India Historical tourism centers in India



Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2019-2020

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-V

Subject: Geography Paper title: Physical Geography of India, Paper No.: VII

Month	Topic/Unit	Sub-units Planned
June		Syllabus and Introduction
July	Unit-1 Location and Physiographic	Location: Absolute, Relative and Strategic Geological Setting of India. Physiographic Divisions of India and their characteristics and Importance
Aug	Unit-2 Climate	Introduction: Mechanism of Indian Monsoon: - Effects of El-Nino and La Nina on the Indian Monsoon. Seasons and weather conditions in India: - Distribution of rainfall and rainfall variability. Climatic regions of India.
Sept	Unit-3 Drainage Systems and Water Resources	The Himalayan River systems The Peninsular river systems River Linking in India Surface and Groundwater: Distribution
Oct	Unit-4 Soils and Forests: Types and Distribution	Major soil types, characteristics and distribution in India. Soil degradation and soil conservation in India Major forest types: characteristics and their distribution. Deforestation and conservation of forests in India.



Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2019-2020

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-VI

Subject: Geography

Paper title: Economic Geography of India.

Paper No.: X

Month	Topic/Unit	Sub-units Planned
June		Syllabus and Introduction
July	Unit 1 Mineral and Power Resources	Conventional Resources a) Mineral Resources: Distribution and Production - b) Power Resources: Distribution and Production- Non-Conventional Resources :-
Aug	Unit 2 Agriculture	Importance of Agriculture in Indian Economy. Major Crops:- Green Revolution and Agro Climatic Regions of India. Problems of Indian Agriculture in the Context of Globalization
Sept	Unit -3 Industry	Importance of Industries in Indian Eco.. Agro Based Industries: Location Factors, Distribution, Production and Trade- Mineral based and other industries: Location Factors, Distribution, Production and Trade-
Oct	Unit -4 Transport and Trade	Road Ways: Types of Roads and their Economic Significance. Railways: Railway Zones Konkan Railway. Air Ways: Important Air Ways and Air Ports. Indian Trade: Major Goods of Export and Import and India's,Foreign Trade Policy.



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2019-2020

Name of Teacher: - Dr. D. A. Gade

Class: B.A.-III

Division: 'A'

SEM:-VI

Subject: Geography Paper title: Advance Tools Techniques & field works, Paper No.: XIV

Month	Topic/Unit	Sub-units Planned
June		Syllabus and Introduction
July	Unit-1 Introduction to Computer	Computer fundamentals: - Application of computer in geography Significance and application of internet in geographical studies.
Aug	Unit-2 Remote Sensing	Definition, Concept and history of Remote Sensing. Elements of Remote Sensing Application of Remote Sensing in Geography Aerial photographs and Satellite imagery:- Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery with the help of stereoscope. Determination of Photo Scale.
Sept	Unit-3 GIS and GNSS (GPS)	Geographical Information System: - Raster and Vector data Application of GIS in Geography Global Navigation Satellite System Application of GPS in geography with exercise Field work in GPS: - Exercise with Google earth Program.
Oct	Unit-4 Statistical methods and techniques	Analysis of statistical data by the following methods and techniques Measures of Central Tendency: - Dispersion: -Correlation: -Analysis of Time Series: -
Nov/Dec	Unit-7 Study Tour	North Konkan and South Konkan
Jan	Unit-6 Project work based on field work any one of below,	A village Agriculture Survey
Feb		Checking the Journal


Dr. D. A. Gade



ANNUAL TEACHING PLAN

(Academic Year: 2020-2021)

Dr. T. E. Kumbhar
Associate Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
22 June-31 July 2020	B.Com. I		1.1 Meaning of Commercial Geography 1.2 Nature of Commercial Geography 1.3 Scope of Commercial Geography 1.4 Significance of Commercial Geography.
	B.A. II	IV	1.1 Definition and Scope of Resource Geography 1.2 Resource: Concept and Classification 1.3 Importance of Resource Geography
	B.A. III	IX	1.1 Definition of Population Geography 1.2 Nature and Scope of Population Geography 1.3 Significance of Population Geography 1.4 Sources of Population Data
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Month	Class	Paper No.	Units to be completed
August- September 2020	B.Com. I		2.1 Meaning & importance of Resources 2.2 Classification of Resources 2.3 Conservation of Resources & sustainable economic development.

			2.4 Major Bio-Resources & their international trade.
	B.A. II	IV	2.1 Water Resources: Distribution, Utilization and Problems 2.2 Forest Resources: Distribution, Utilization and Problems 2.3 Energy Resources: Distribution, Utilization and Problems 2.4 Human Resources: Distribution, Utilization and Problem
	B.A. III		2.1 World Growth of population 2.2 Factors affecting on the distribution of population 2.3 Population distribution of the world 2.4 Theories of Population Growth: Malthus Theory and Demographic Transition Theor
	B.A. III (P)	XIII	2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azumuthal Projection (True Bearing Projection) 2.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal Polar Stereographic Projection iii) Zenithal polar Equidistant Projection iv) Zenithal Polar Equal Area Projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projection

Month	Class	Paper No.	Units to be completed
October- November 2020	B.Com. I		3.1 Classification of Economic activities. 3.2 Factors affecting Economic activities. 3.3 Economic activities & National economy.
	B.A. II	IV	3.1 Concept of Sustainable Resource Development 3.2 Sustainable Natural Resource Development: Water, Forest and Energy 3.3 Sustainable Human Resource

			Development
	B.A. III	IX	3.1 Concept of Population Dynamics 3.2 Fertility: Causes, Effects and Measures 3.3 Mortality: Causes, Effects and Measures 3.4 Migration: Causes, Effects and Measures 4.1 Meaning of Globalization
	B.A. III (P)	XIII	3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint ii. Quantitative:- Contours, Form lines, Spot Heights, Bench Marks, Triangulation Mark, Relative Height

November December 2020	University Examination
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Month	Class	Paper No.	Units to be completed
December 2020 January 2021	B.Com. I		1.1 Marketing Geography - Concept & Meaning. 1.2 Marketing Geography - Nature 1.3 Marketing Geography - Scope. 1.4 Marketing Geography- Significance 1.5 Marketing Geography- Primary Components.
	B.A. II	V	1.1 Definition, Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography
	B.A. III	XII	1.1 Definition of Political Geography 1.2 Nature and Scope of Political Geography 1.3 Historical Development of Political Geography 1.4 Significance of Political Geography
	B.A. III (P)	XIII	3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite

			Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile
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Month	Class	Paper No.	Units to be completed
February march 2021	B.Com. I		2.1 Definition of Market 2.2 Structure & Significance of Markets. 2.3 Geographical factors affecting Market system. 2.4 Classification of Markets.
	B.A. II	V	2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature 2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity 2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean
	B.A. III		Concepts in Political Geography 18 Lectures 01 2.1 State 2.2 Nation 2.3 Boundary 2.4 Frontiers
	B.A. III (P)	XIII	Topographical Maps Periods 50 Marks (15) 4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural environment: Settlements, Transportation and Communication, Irrigation. d) Land Us

Month	Class	Paper No.	Units to be completed
March – April 2021	B.Com. I		3.1 Definition Meaning of and Significance of Agricultural Marketing. 3.2 Nature and approaches to the study of Agricultural Marketing .

			3.3 Process and system of Agricultural Marketing . 3.4 Functions and channels of Agricultural Marketing
	B.A. II	V	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources – Biotic- Mineral and Energy Resources 3.4 Ocean Pollution – Causes, Effects and Measures
	B.A. III	XII	.1 Hartland Theorie - H. J. Mackinder 3.2 Rimland Theorie – N. J. Spykeman
	B.A. III (P)	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
April 2021	B.Com. I		4.1 Meaning & Importance of Tourism in India. 4.2 Tourism in Modern Period in India. 4.3 Major tourism centers in a) Jammu & Kashmir, b) Delhi. c) Uttaranchal. d) Maharashtra. e) Goa. f) Kerala.
	B.A. II	V	4.1 Hypsographic Curve 4.2 Wind rose 4.3 Isohalines 4.4 Isotherm

	B.A. III	XII	4.1 Krishna Water Conflict (Inter Satate) 4.2 Ganga Water Conflict (International) 4.3 Issues of Relief, Compensation and Rehabilitation: Sardar Sarovar 4.4 Issues of Relief, Compensation and Rehabilitation: Chandoli Projects
	B.A. III	XIII	Representation of Statistical Data Periods 50 Marks (15) 6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv) Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data

Month	Class	Paper No.	Units to be completed
August/September 2020 April 2021	B.Com. I	I & II	University Examination
	B.A. II	IV & V	University Examination
	B.A. III	IX, XII, XIII	University Examination

T. E. Kumbhar

(Dr. T. E. Kumbhar)

P.V.P. Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN

(Academic Year: 2020-2021)



Dr. N. S. Pol
Assistant Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
15 June -August 2020	B.A. I	I	Introduction to Physical Geography & Meaning and Definitions, Meaning and Definitions
	B.A. II	III	1.1 Definition, Nature and Scope of Soil Geography 1.2 History of Soil Geography and Pedology 1.3 Significance of Soil Geography
	B.A. III	IX	1.1 Contribution of Greeks and Romans 1.2 Geography in Muslim world 1.3 Renaissance period in Europe 1.4 Renowned travelers and their geographical discoveries
	Practical	XIII	1.1 Scale 1.1.1 Meaning and Definition, 1.1.2 Methods of Representation of scale - Verbal, Numerical and Graphical. 1.1.3 Scale Conversion 1.1.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Time and Distance Scale iii) Diagonal Scale 1.2 Map 1.2.1 Map – Definition , Elements 1.2.2 Classification of Maps: Based on Scale and Purpose 1.2.4 Significance and uses of Maps

Month	Class	Paper No.	Units to be completed
August- September	B.A. I	I	2.1 Composition and Structure of Atmosphere 2.2 Insolation: Factors affecting on Insolation

2020			2.3 Temperature: Distribution of temperature (Vertical and Horizontal) 2.4 Atmospheric Pressure: Belts and Planetary Winds.
	B.A. II	III	2.1 Jenny's Factorial Model of Soil Formation: Parent Material, Biotic, Climatic, Relief and Time factor. 2.2 Process of Soil Formation: Physical, Biotic and Chemical. 2.3 Physical Properties of Soils: Morphology, Texture, Structure, Water, Air and Temperature. 2.4 Chemical Properties of Soils: PH, Organic Matter, NPK (Nitrogen, Phosphorous and Potassium).
	B.A. III	IX	2.1 German School of Geography – Humboldt, Ritter 2.2 French School of Geography – Blache & Brunhes 2.3 American School of Geography – Sauer & Huntington 2.4 British School of Geography – Mackinder & Herbertson
	B.A. III Practical	XIII	2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 2.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal Polar Stereographic Projection iii) Zenithal polar Equidistant Projection iv) Zenithal Polar Equal Area Projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projectio

Month	Class	Paper No.	Units to be completed
September-	B.A. I	I	3.1 Interior of the earth

<p>October 2020</p>			<p>3.2Wagner’s Continental Drift Theory 3.3Earthquakes – Causes and Effects 3.4Volcano – Causes and Effects 4.1Weathering: Concept and Types 6 4.2Davis Concept of Cycle of erosion 4.3Erosional Landforms of river. 4.4Depositional Landforms of river.</p>
	<p>B.A. II</p>	<p>III</p>	<p>3.1 Genetic Classification of Soils. 3.2 Soil Characteristics and Major Soils Distribution in Maharashtra. 3.3 Soil Degradation: Concept, Causes, Consequences and Measures 4.1 Soil Profile 4.2 Soil Sample: Tools 4.3 Soil Analysis: Saline and Alkaline 4.4 Vermicompost Process</p>
	<p>B.A. III</p>	<p>IX</p>	<p>3.1 Environmental Determinism and Possibilism 3.2 Systematic & Regional geography 3.3 Physical & human geography 3.4 The myth and reality about dualisms4.1 Quantitative Revolution and its Impact 4.2 Changing Concept of Space in Geography 4.3 Contribution of Indian Geographer 4.4 Future of Geography</p>
	<p>B.A. III Practical</p>	<p>XIII</p>	<p>3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint ii. Quantitative:- Contours, Form lines, Spot Heights, Bench Marks, Triangulation Mark, Relative Height 3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, ‘V’ Shaped Valley, Waterfall, ‘U’ Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite Profile 3.5.3</p>

			Projected Profile 3.5.4 Longitudinal Profile
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October-November 2020	University Examination
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Month	Class	Paper No.	Units to be completed
26 th November- December 2020	B.A. I	II	Definitions of Human Geography 1.2 Scope of Human Geography 1.3 Branches of Human Geography 1.4 Importance of Human Geography
	B.A. II	IV	1.1 Definition, Nature, Scope and Significance of Agricultural Geography 1.2 Evolution of agriculture: Ancient, Medieval and Modern Period 1.3 Determinants of Agriculture: Physical and Human (economic, social, cultural, political and administrative)
	B.A. III	XI	1.1 Urban Geography Introduction: Meaning and Definitions 1.2 Nature of Urban Geography 1.3 Scope of Urban Geography 1.4 Significance of Urban Geography
	B.A. III Practical	XIII	4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural environment: Settlements, Transportation and Communication, Irrigation. d) Land Use

Month	Class	Paper No.	Units to be completed
December- January 2021	B.A. I	II	Factors affecting on distribution of population 2.2 Malthus' theory of Population Growth 2.3 Demographic Transition Theory 2.4 Migration: Types and Effects
	B.A. II	IV	2.1 Major Agricultural Systems: Nomadic Herding, Livestock Ranching, Shifting Cultivation, Intensive Subsistence Farming, Commercial Farming and Horticulture 2.1 Von Thunen's Theory of Agricultural land-use

	B.A. III	XI	2.1 Site and Situation: Significance and Types. 2.2 Concept and Factors of Urbanization. 2.3 Patterns of Urbanization in developed and developing countries. 2.4 Functional classification of cities (Quantitative and Qualitative).
	B.A. III Practical	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
January-February 2021	B.A. I	II	3.1 Types and patterns of rural settlements 3.2 Functions of Rural Settlements 3.3 Factors affecting on urbanization 3.4 Functions of Urban Centers
	B.A. II	III	3.1 Methods of Agricultural Regionalization: Crop Combination and Crop Diversification 3.2 Agricultural Problems: Physical and Non-Physical (Economic, Social, Cultural, Political and Administrative) 3.3 Sustainable Agriculture
	B.A. III	XI	3.1 Concept of Structure and Morphology 3.2 Concept of City Region and C.B.D. 3.3 Rural-Urban Fringes. 3.4 Models of Town Morphology: The concentric Zone Theory, The Sector Theory and the Multi-Nuclei Theory.
	B.A. III Practical	XIII	6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv) Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data

Month	Class	Paper No.	Units to be completed
February- March 2021	B.A. I	II	4.1 Origin and History of Agriculture 4.2 Types of Agriculture 4.3 Factors affecting on agriculture 4.4 Problems of Agriculture
	B.A. II	III	4.1 Line Graphs 4.2 Bar Graphs 4.3 Divided Circle 4.4 Proportional Squar
	B.A. III	XI	4.1 Urban Issues: problems of transport). 4.2 Concept of Garden 4.3 Case studies of Delhi, Mumbai, with reference to Land use and Urban Issues.
	B.A. III Practical	XIII	Journal Cheeking & Certified Work

Month	Class	Paper No.	Units to be completed
March- April 2021	B.A. I	I & II	University Examination
	B.A. II	III & VI	University Examination
	B.A. III	IX, XI, XIII	University Examination



Shikshan Prasarak Sanstha's

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2020-2021

Name of Teacher: - Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-I

Subject: DSE-1 Geography

Paper title: Physical Geography.

Paper No.: I

Month	Topic/Unit	Sub-units Planned
Sept	Module – I Introduction to Physical Geography	Syllabus and Introduction Meaning and Definitions Scope of Physical Geography Branches of Physical Geography Importance of Physical Geography
Oct/Nov	Module- II Atmosphere	Composition and Structure of Atmosphere Insolation: Factors affecting on Insolation Temperature: Distribution of temperature Atmospheric Pressure: Belts and Planetary Winds.
Dec/Jan	Module – III Lithosphere	Interior of the earth Wagner's Continental Drift Theory Earthquakes – Causes and Effects Volcano – Causes and Effects
Feb.	Module – IV Denudation	Weathering: Concept and Types Davis Concept of Cycle of erosion Erosional Landforms of river. Depositional Landforms of river.
March	Revision/Exam	

Drade
Dr. D. A. Gade.



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2020-2021

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-II

Subject: DSE-2, Geography

Paper title: Human Geography.

Paper No.: II

Month	Topic/Unit	Sub-units Planned
March/April	Module- I Human Geography	Syllabus and Introduction Definitions of Human Geography Scope of Human Geography Branches of Human Geography Importance of Human Geography
May	Module –II Population	Factors affecting on distribution of population Malthus' theory of Population Growth Demographic Transition Theory Migration: Types and Effects
June	Module –III Settlement	Types and patterns of rural settlements Functions of Rural Settlements Factors affecting on urbanization Functions of Urban Centers
July	Module – IV Agriculture	Origin and History of Agriculture Types of Agriculture Factors affecting on agriculture Problems of Agriculture
August	Revision/Exam	



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2020-2021

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II

SEM:-III

Paper: I

Subject: GE-1, Tourism Geography

Paper title: Concept in Tourism Geography

Month	Topic/Unit	Sub-units Planned
Sept	Module I: Introduction to Tourism Geography	Syllabus and Introduction Definition of Tourism and Tourist Nature of Tourism Geography
Oct/Nov		Scope of Tourism Geography Historical development of Tourism Significance of Tourism Geography
Dec/Jan	Module II: Component of Tourism	Geographical components Social components
Feb.		Cultural components Other components
March	Revision/Exam	

ANNUAL TEACHING PLAN-2020-2021

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II (IDS)

SEM:-II

Paper No.: II

Subject: GE-2, Tourism Geography

Paper title: Development and Planning of Tourism

Month	Topic/Unit	Sub-units Planned
March/April	Module I: Development and Planning of Tourism in India	Syllabus and Introduction Tourism in ancient period Tourism in modern period
May		Role of tourism in national economy Tourism planning in India
June	Module II: Tourism Centers in India	Natural tourism centers in India Religious tourism centers in India
July		Cultural tourism centers in India Historical tourism centers in India
August	Revision /Exam	



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2020-2021

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-V

Subject: E-107, Geography Paper title: Geography of India, Paper No.: VIII

Month	Topic/Unit	Sub-units Planned
Sept/Oct	Module -I Physical Profile of India	Syllabus and Introduction Location (Absolute and Relative) Physiographic Divisions Climate: Summer, Rainy and Winter Seasons in India Major Drainage Systems: a) Northern River Systems b) Southern River Systems
Nov/Dec	Module -II Soils and Forests	Major soil types, characteristics and its distribution in India Soil degradation and soil conservation in India Major forest types: characteristics and their distribution Deforestation and conservation of forests in India
Jan	Module -III Mineral and Power Resources	Conventional Resources: Iron Ore and Manganese Power Resources: Coal and Mineral Oil Non-Conventional Resources: Solar and Wind
Feb	Module -IV Agriculture and Industry	Importance of Agriculture in Indian Economy. Major Crops: - Importance of Industries in Indian Economy. Industries: Location Factors, Sugar Industry, Iron and Steel Industry and Fertilizer Industry
March	Revision and Exam	



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2020-2021

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-VI

Paper No.: X

Subject: E-231, Geography

Paper title: Economic Geography

Month	Topic/Unit	Sub-units Planned
March		Syllabus and Introduction
April	Module – I Introduction to Economic Geography	Definition, Nature and Scope Concept and Classification of Economic Activity Branches of Economic Geography Significance of Economic Geography
May	Module – II Economic Activity	Factors Affecting on Location of Agricultural Activity Factors Affecting on Location of Industrial Activity Alfred Weber's Theory of Industrial Location
June	Module – III Manufacturing Activity	Concept of Manufacturing Region Concept of Special Economic Zone Major Industries: i) Cotton Textile Industry - USA ii) Iron and Steel Industry – USA iii) Sugar Industry – Brazil iv) Automobile Industry – India
July	Module – IV Transport and Trade	Significance of Transportation Major Transport Routs: Roadway, Railway, Airway and Ocean Routs International Trade: India and USA Trade Policies: India and USA



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2020-2021

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

Division: 'A'

SEM:-VI

Subject: DSE, E-235 Paper title: Advance Tools Techniques & field works Paper No.: XIV

Month	Topic/Unit	Sub-units Planned
Sept	Module-I: Introduction to Computer	Syllabus and Introduction to Computer Application of computer in geography a) Construction of Line Graphs, Bar Graphs b): Construction of Pie Diagram and Scatter Diagram Application of Excel for Data Analysis
Oct	Module:-II: Remote Sensing	Definition of Remote Sensing Fundamentals of Remote Sensing: - Aerial photographs and Satellite imagery: - Determination of Photo Scale Elements of image interpretation Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery
Nov/Dec	Module-III: GIS and GNSS	Geographical Information System (GIS) Raster and Vector data Georeferencing, Digitization, Map Layout Preparation Global Navigation Satellite System Exercise with Google earth Program
Jan/Feb	Module-IV: Statistical methods and techniques	Measures of Central Tendency:- Dispersion:- Association and Correlation:- Analysis of Time Series:
March	Module-V: Surveying	Introduction to Survey: Meaning and types Plane Table survey, Dumpy Level survey, Theodolite survey, Total Station, Abony Level Survey Preparation of plans Prismatic compass survey Types and conversion of bearings. Correction of bearing.
April	Module-VI: Project work based on field work any one of following:	Resource survey, Population survey, Agricultural survey, Settlement Survey, Environmental issues, Industrial visit, Health survey, Natural Hazard or Disaster
May	Module- VII: Study Tour	Maximum 15 days of Study Tour and preparation of Tour Report.
June	Journal checking	

Grade
Dr. D. A. Gade



P.V.P. Mahavidyalaya, Kavathe Mahankal


ANNUAL TEACHING PLAN

(Academic Year: 2020-2021)

Mrs.V.P.Ghatage.
Assistant Professor, (C.H.B.)
Dept. of Geography

Class: B.Sc. Part- I

Month	Class	Paper No.	Units to be completed
From 1 Nov 2020- Dec 2020	B.Sc. I	I	Introduction to Physical Geography & atmosphere. 1.1 Definitions and scope of physical Geography. 1.2 Branches of physical Geography.
	B.Sc I	II	Lithosphere and Earth's Movements 1.1 Interior of the Earth:Structure of the Earth's interior,Density and Temperature in the interior of the Earth. 1.2 Rocks: Definition,classification of Rocks,Igneous rock,Sedimentary rocks and Metamorphic Rocks (Characteristics, Classification and Landforms)
	B.Sc. I Practical	I	MAP 1.1 Map: Definition,Elements and Types 1.2 Maps and Globe- Similarities and Differences 1.3 Significance and uses of Maps and Globes. Map Scale Map Scale 2.1 Meaning and Definition, 2.1 Methods of Representation of scale - Verbal, Numerical and Graphical. 2.3 Scale Conversion-i) verbal to numerical. ii)Numerical to verbal. 2.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Comparative Scale iii) Time and Distance Scale iv) Diagonal Scale
Month	Class	Paper No.	Units to be completed
Jan-Feb 2021	B.Sc. I	I	Introduction to Physical Geography & atmosphere 1.3 Recent Trends in physical Geography 1.4 Importance of physical Geography 1.5 Composition and Structure of Atmosphere Weather and Climate Insolation, Temperature, Atmospheric Pressure and Indian Monsoon 2.1 Insolation: Definition, Factors affecting on distribution of Insolation, World Distribution of Insolation, Heat Balance of the Earth.


Mrs. V. P. Ghatage¹

			2.2 Temperature: Distribution of temperature (Vertical and Horizontal)
	B.Sc. I	II	Lithosphere and Earth's Movements 1.3 Endogenetic forces, diastrophic forces and movements: Folds and Faults 1.4 Wegener's Theory of Continental Drift. Fluvial Geomorphology and Hydrosphere 2.1 Cycle of Erosion-W.M. Davis
	B.Sc. I Practical	I	3.1 Definition, Classification of Projections: i) Based on the methods of Construction: Perspective and Non-perspective ii) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. iii) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. iv) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic v) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 3.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal polar Equidistant Projection iii) Zenithal Polar Equal Area Projection iv) Cylindrical Equal-Area projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection .

Month	Class	Paper No.	Units to be completed
Feb-March 2021	B.Sc. I	I	Insolation, Temperature, Atmospheric Pressure and Indian Monsoon 2.3 Pressure: Definition, Vertical and Horizontal Distribution, Pressure Belts, Shifting of Pressure Belts. 2.4 Indian Monsoon: Indian Monsoon and-Tibet Plateau, Jet Stream and El-Nino. 2.5 Season in India: Summer, Rainy and Winter.
	B.Sc. I	II	Fluvial Geomorphology and Hydrosphere 2.2 Running Water or River: Major Landforms formed by Erosion, Transportation and Deposition Processes of River 2.3 Temperature of Ocean Water: Factors affecting on Horizontal Distribution of Temperature of Ocean Water, vertical Distribution of Temperature Ocean Water 2.4 Salinity of Ocean Water: Affecting Factors on salinity of ocean water, Distribution of salinity- Horizontal and Regional.

	B.Sc.I Practical	I	Representation of Statistical Data. 4.1 Graphs and Diagrams I) One Dimensional Diagrams: a) Band Graph b) Climograph c) Hythergraph

April-May-2021	University Examination
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Month	Class	Paper No.	Units to be completed
April-May 2021	B.sc. I	III	Human Geography and Human Race 1.1 Definitions and Scope of Human Geography 1.2 Branches of Human Geography 1.3 Recent Trends of Human Geography 1.4 Importance of Human Geography
	B.Sc. I	IV	Composition of population and Population Migration 1.1 Age Composition: Factors affecting on Age Composition, Age Composition in India. 1.2 Sex Ratio: Factors Affecting on Sex Composition, sex composition in India. 1.3 Human Migration: Definition
	B.Sc.I Practical	I	Representation of statistical data 4.2 Two Dimensional Diagrams: a) Proportional circle b) Proportional Spheres 4.3 Three Dimensional Diagram: Cube Diagram

Month	Class	Paper No.	Units to be completed
May-June 2021	B.Sc. I	III	Human Geography and Human Race 1.5 Human Races-Major Racial Groups and Classification 1.6 Religious and Ethnic Groups in the World. Population 2.1 World Growth of Population.
	B.Sc. I	IV	Composition of population and Population Migration 1.4 Types of Migration 1.5 Causes of Migration 1.6 Consequences of Migration

	B.Sc.I Practical	I	Representation of statistical data 4.4 Distributional Diagrams a) Choropleth Map b) Isopleth Map Remote Sensing 5.1 Definition, Concept and history of Remote Sensing
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Month	Class	Paper No.	Units to be completed
June- July 2021	B.Sc. I	III	Population 2.2 Factors affecting the distribution of the World population. 2.3 Distribution of the World population
	B.Sc. I	IV	Settlements and Location Theories 2.1 Types and Pattern of Settlements. 2.2 Site and Situation of Rural Settlements.
	B.Sc.I Practical	I	Remote Sensing 5.2 Elements of Remote Sensing: EMR, Sensors and Platforms. 5.3 Application of Remote Sensing in Geography 5.4 Aerial photographs and Satellite imagery: Definition, types and difference between them. 5.5 Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery with the help of stereoscope. 5.6 Determination of photo Scale.

Month	Class	Paper No.	Units to be completed
July-Aug 2021	B.Sc. I	III	Population 2.4 Theory of Population Growth-Malthus 2.5 Demographic Transition Theory
	B.Sc. I	IV	Settlements and Location Theories 2.3 Urbanization and World Trend of Urbanization. 2.4 Christaller's Central Place Theory. 2.5 Perroux's Growth Pole Theory
	B.Sc.I Practical	I	Journal Checking & Certified Work

Month	Class	Paper No.	Units to be completed
Aug- Sept 2021			University Examination



ANNUAL TEACHING PLAN

(Academic Year: 2020-2021)

Mr. A. M. Mali
Assistant Professor, [C.H.B]
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
June – July 2020	B.A. II	IV	1.1 Definition and Scope of Resource Geography 1.2 Resource: Concept and Classification 1.3 Importance of Resource Geography
	B.A. III Practical	IX	1.1 Definition of Population Geography 1.2 Nature and Scope of Population Geography 1.3 Significance of Population Geography 1.4 Sources of Population Data
		XIII	2.1 Definition, Components and Development of Remote Sensing. 2.2 Principles of Remote Sensing: EMR, Sensors and Platforms. 2.3 Application of Remote Sensing in Geography. 2.4 Aerial photographs and Satellite imagery: Definition, types and difference between them.

Month	Class	Paper No.	Units to be completed
	B.A. II	IV	2.1 Water Resources: Distribution, Utilization and Problems 2.2 Forest Resources: Distribution, Utilization and Problems 2.3 Energy Resources: Distribution, Utilization and Problems 2.4 Human Resources: Distribution, Utilization and Problems
	B.A. III	IX	2.1 World Growth of population 2.2 Factors affecting on the distribution of population 2.3 Population distribution of the world 2.4 Theories of Population Growth: Malthus Theory and Demographic Transition Theory
	B.A. III Practical	XIII	2.5 Determination of Photo Scale. 2.6 Identification of Physical and cultural features from Aerial Photographs

			or Satellite Imagery.
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Month	Class	Paper No.	Units to be completed
August-September 2021	B.A. II	IV	3.1 Concept of Sustainable Resource Development 3.2 Sustainable Natural Resource Development: Water, Forest and Energy 3.3 Sustainable Human Resource Development
	B.A. III	IX	3.1 Concept of Population Dynamics 3.2 Fertility: Causes, Effects and Measures 3.3 Mortality: Causes, Effects and Measures 3.4 Migration: Causes, Effects and Measures
	B.A. III Practical	XIII	3.1 Geographical Information System (GIS) 3.1.1 Definition and components 3.1.2 GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data 3.1.3 Georeferencing, Digitization, Map Layout Preparation 3.1.4 Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring

October-November 2018	University Examination
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Month	Class	Paper No.	Units to be completed
December 2020 January 2021	B.A. II	V	1.1 Definition, Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography
	B.A. III	X	1.1 Definition, Nature and Scope 1.2 Concept and Classification of Economic Activity 1.3 Branches of Economic Geography 1.4 Significance of Economic Geography
	B.A. III Practical	XIII	3.2 Global Navigation Satellite System (Global Positioning System) 3.2.1 Definition and components 3.2.2: Application of GPS in Geography 3.2.3 Field work in GPS: Determining latitude, longitude and altitude 3.3: Exercise with Google earth Program.

Month	Class	Paper No.	Units to be completed
February 2021	B.A. II	V	2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature 2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity 2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean
	B.A. III	X	2.1 Factors Affecting on Location on Agricultural Activity 2.2 Factors Affecting on Location on Industry Activity 2.3 Location Theory: i) Weber's Theory of Industrial Location ii) Losch's Theory of Industrial Location
	B.A. III Practical	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge.

Month	Class	Paper No.	Units to be completed
March 2021	B.A. II	V	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources – Biotic- Mineral and Energy Resources 3.4 Ocean Pollution – Causes, Effects and Measures
	B.A. III	X	3.1 Concept of Manufacturing Regions 3.2 Concept of Special Economic Zones 3.3 Major Industries: i) Cotton Textile Industry - USA ii) Iron and Steel Industry – USA iii) Sugar Industry – Brazil iv) Automobile Industry – India and Japan
	B.A. III Practical	XIII	5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
	B.A. II	V	4.1 Hypsographic Curve 4.2 Wind rose 4.3 Isohalines 4.4 Isotherms
	B.A. III	X	Transport and Trade 15 1 4.1 Significance of Transportation 4.2 Major Transport Routs: Roadway, Railway, Airway and Ocean Routs 4.3 International Trade: India, USA, China and Brazil 4.4 Trade Policies: India, USA and China
	B.A. III Practical	XIII	Journal Cheeking & Certified Work

Month	Class	Paper No.	Units to be completed
March-April 2019	B.A. II	IV & V	University Examination
	B.A. III	IX & XII	University Examination
	B.A. III Practical	XIII & XIV	University Examination



ANNUAL TEACHING PLAN

(Academic Year: 2021-2022)

Dr. T. E. Kumbhar
Associate Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
October 2021	B.Com. I		1.1 Meaning of Commercial Geography 1.2 Nature of Commercial Geography 1.3 Scope of Commercial Geography 1.4 Significance of Commercial Geography.
	B.A. II	IV	1.1 Definition and Scope of Resource Geography 1.2 Resource: Concept and Classification 1.3 Importance of Resource Geography
	B.A. III	IX	1.1 Definition of Population Geography 1.2 Nature and Scope of Population Geography 1.3 Significance of Population Geography 1.4 Sources of Population Data
	B.A. III (P)	XIII	1.1 Scale 1.1.1 Meaning and Definition, 1.1.2 Methods of Representation of scale - Verbal, Numerical and Graphical. 1.1.3 Scale Conversion 1.1.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Time and Distance Scale iii) Diagonal Scale 1.2 Map 1.2.1 Map – Definition, Elements 1.2.2 Classification of Maps: Based on Scale and Purpose 1.2.4 Significance and uses of Maps

Month	Class	Paper No.	Units to be completed
November 2021	B.Com. I		2.1 Meaning & importance of Resources 2.2 Classification of Resources 2.3 Conservation of Resources & sustainable economic development.

			2.4 Major Bio-Resources & their international trade.
	B.A. II	IV	2.1 Water Resources: Distribution, Utilization and Problems 2.2 Forest Resources: Distribution, Utilization and Problems 2.3 Energy Resources: Distribution, Utilization and Problems 2.4 Human Resources: Distribution, Utilization and Problem
	B.A. III		2.1 World Growth of population 2.2 Factors affecting on the distribution of population 2.3 Population distribution of the world 2.4 Theories of Population Growth: Malthus Theory and Demographic Transition Theor
	B.A. III (P)	XIII	2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azumuthal Projection (True Bearing Projection) 2.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomanic Projection ii) Zenithal Polar Stereographic Projection iii) Zenithal polar Equidistant Projection iv) Zenithal Polar Equal Area Projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projection

Month	Class	Paper No.	Units to be completed
December 2021 to January 2022	B.Com. I		3.1 Classification of Economic activities. 3.2 Factors affecting Economic activities. 3.3 Economic activities & National economy.
	B.A. II	IV	3.1 Concept of Sustainable Resource Development 3.2 Sustainable Natural Resource Development: Water, Forest and Energy 3.3 Sustainable Human Resource

			Development
	B.A. III	IX	3.1 Concept of Population Dynamics 3.2 Fertility: Causes, Effects and Measures 3.3 Mortality: Causes, Effects and Measures 3.4 Migration: Causes, Effects and Measures 4.1 Meaning of Globalization
	B.A. III (P)	XIII	3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint ii. Quantitative:- Contours, Form lines, Spot Heights, Bench Marks, Triangulation Mark, Relative Height

January 2022	University Examination
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Month	Class	Paper No.	Units to be completed
March 2022	B.Com. I		1.1 Marketing Geography - Concept & Meaning. 1.2 Marketing Geography - Nature 1.3 Marketing Geography - Scope. 1.4 Marketing Geography- Significance 1.5 Marketing Geography- Primary Components.
	B.A. II	V	1.1 Definition, Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography
	B.A. III	XII	1.1 Definition of Political Geography 1.2 Nature and Scope of Political Geography 1.3 Historical Development of Political Geography 1.4 Significance of Political Geography
	B.A. III (P)	XIII	3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite

			Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile
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Month	Class	Paper No.	Units to be completed
April 2022	B.Com. I		2.1 Definition of Market 2.2 Structure & Significance of Markets. 2.3 Geographical factors affecting Market system. 2.4 Classification of Markets.
	B.A. II	V	2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature 2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity 2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean
	B.A. III		Concepts in Political Geography 18 Lectures 01 2.1 State 2.2 Nation 2.3 Boundary 2.4 Frontiers
	B.A. III (P)	XIII	Topographical Maps Periods 50 Marks (15) 4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural environment: Settlements, Transportation and Communication, Irrigation. d) Land Us

Month	Class	Paper No.	Units to be completed
May 2022	B.Com. I		3.1 Definition Meaning of and Significance of Agricultural Marketing. 3.2 Nature and approaches to the study of Agricultural Marketing .

			3.3 Process and system of Agricultural Marketing . 3.4 Functions and channels of Agricultural Marketing
	B.A. II	V	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources – Biotic- Mineral and Energy Resources 3.4 Ocean Pollution – Causes, Effects and Measures
	B.A. III	XII	.1 Hartland Theorie - H. J. Mackinder 3.2 Rimland Theorie – N. J. Spykeman
	B.A. III (P)	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
June 2022	B.Com. I		4.1 Meaning & Importance of Tourism in India. 4.2 Tourism in Modern Period in India. 4.3 Major tourism centers in a) Jammu & Kashmir, b) Delhi. c) Uttaranchal. d) Maharashtra. e) Goa. f) Kerala.
	B.A. II	V	4.1 Hypsographic Curve 4.2 Wind rose 4.3 Isohalines 4.4 Isotherm

	B.A. III	XII	4.1 Krishna Water Conflict (Inter Satate) 4.2 Ganga Water Conflict (International) 4.3 Issues of Relief, Compensation and Rehabilitation: Sardar Sarovar 4.4 Issues of Relief, Compensation and Rehabilitation: Chandoli Projects
	B.A. III	XIII	Representation of Statistical Data Periods 50 Marks (15) 6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv) Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data

Month	Class	Paper No.	Units to be completed
January 2022	B.Com. I	I & II	University Examination
	B.A. II	IV & V	University Examination
June 2022	B.A. III	IX, XII, XIII	University Examination

T. E. Kumbhar

(Dr. T. E. Kumbhar)



P.V.P. Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN

(Academic Year: 2021-2022)

Dr. N. S. Pol
Assistant Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
October-2021	B.A. I	I	Introduction to Physical Geography & Meaning and Definitions, Meaning and Definitions
	B.A. II	III	1.1 Definition, Nature and Scope of Soil Geography 1.2 History of Soil Geography and Pedology 1.3 Significance of Soil Geography
	B.A. III	IX	1.1 Contribution of Greeks and Romans 1.2 Geography in Muslim world 1.3 Renaissance period in Europe 1.4 Renowned travelers and their geographical discoveries
	Practical		XIII

Month	Class	Paper No.	Units to be completed
November-	B.A. I	I	2.1 Composition and Structure of Atmosphere

2021			<p>2.2 Insolation: Factors affecting on Insolation</p> <p>2.3 Temperature: Distribution of temperature (Vertical and Horizontal)</p> <p>2.4 Atmospheric Pressure: Belts and Planetary Winds.</p>
	B.A. II	III	<p>2.1 Jenny's Factorial Model of Soil Formation: Parent Material, Biotic, Climatic, Relief and Time factor.</p> <p>2.2 Process of Soil Formation: Physical, Biotic and Chemical.</p> <p>2.3 Physical Properties of Soils: Morphology, Texture, Structure, Water, Air and Temperature.</p> <p>2.4 Chemical Properties of Soils: PH, Organic Matter, NPK (Nitrogen, Phosphorous and Potassium).</p>
	B.A. III	IX	<p>2.1 German School of Geography – Humboldt, Ritter</p> <p>2.2 French School of Geography – Blache & Brunhes</p> <p>2.3 American School of Geography – Sauer & Huntington</p> <p>2.4 British School of Geography – Mackinder & Herbertson</p>
	B.A. III Practical	XIII	<p>2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 2.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal Polar Stereographic Projection iii) Zenithal polar Equidistant Projection iv) Zenithal Polar Equal Area Projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projectio</p>

Month	Class	Paper	Units to be completed
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		No.	
1 December 2021to January 2022	B.A. I	I	3.1Interior of the earth 3.2Wagner’s Continental Drift Theory 3.3Earthquakes – Causes and Effects 3.4Volcano – Causes and Effects 4.1Weathering: Concept and Types 6 4.2Davis Concept of Cycle of erosion 4.3Erosional Landforms of river. 4.4Depositional Landforms of river.
	B.A. II	III	3.1 Genetic Classification of Soils. 3.2 Soil Characteristics and Major Soils Distribution in Maharashtra. 3.3 Soil Degradation: Concept, Causes, Consequences and Measures 4.1 Soil Profile 4.2 Soil Sample: Tools 4.3 Soil Analysis: Saline and Alkaline 4.4 Vermicompost Process
	B.A. III	IX	3.1 Environmental Determinism and Possibilism 3.2 Systematic & Regional geography 3.3 Physical & human geography 3.4 The myth and reality about dualisms4.1 Quantitative Revolution and its Impact 4.2 Changing Concept of Space in Geography 4.3 Contribution of Indian Geographer 4.4 Future of Geography
	B.A. III Practical	XIII	3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint ii. Quantitative:- Contours, Form lines, Spot Heights, Bench Marks, Triangulation Mark, Relative Height 3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, ‘V’ Shaped Valley,

			Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile
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January 2022	University Examination
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Month	Class	Paper No.	Units to be completed
March 2022	B.A. I	II	Definitions of Human Geography 1.2 Scope of Human Geography 1.3 Branches of Human Geography 1.4 Importance of Human Geography
	B.A. II	IV	1.1 Definition, Nature, Scope and Significance of Agricultural Geography 1.2 Evolution of agriculture: Ancient, Medieval and Modern Period 1.3 Determinants of Agriculture: Physical and Human (economic, social, cultural, political and administrative)
	B.A. III	XI	1.1 Urban Geography Introduction: Meaning and Definitions 1.2 Nature of Urban Geography 1.3 Scope of Urban Geography 1.4 Significance of Urban Geography
	B.A. III Practical	XIII	4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural environment: Settlements, Transportation and Communication, Irrigation. d) Land Use

Month	Class	Paper No.	Units to be completed
April 2022	B.A. I	II	Factors affecting on distribution of population 2.2 Malthus' theory of Population Growth 2.3 Demographic Transition Theory 2.4 Migration: Types and Effects
	B.A. II	IV	2.1 Major Agricultural Systems: Nomadic Herding, Livestock Ranching, Sifting Cultivation, Intensive

			Subsistence Farming, Commercial Farming and Horticulture 2.1 Von Thunen's Theory of Agricultural land-use
	B.A. III	XI	2.1 Site and Situation: Significance and Types. 2.2 Concept and Factors of Urbanization. 2.3 Patterns of Urbanization in developed and developing countries. 2.4 Functional classification of cities (Quantitative and Qualitative).
	B.A. III Practical	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
May – 2022	B.A. I	II	3.1 Types and patterns of rural settlements 3.2 Functions of Rural Settlements 3.3 Factors affecting on urbanization 3.4 Functions of Urban Centers
	B.A. II	III	3.1 Methods of Agricultural Regionalization: Crop Combination and Crop Diversification 3.2 Agricultural Problems: Physical and Non-Physical (Economic, Social, Cultural, Political and Administrative) 3.3 Sustainable Agriculture
	B.A. III	XI	3.1 Concept of Structure and Morphology 3.2 Concept of City Region and C.B.D. 3.3 Rural-Urban Fringes. 3.4 Models of Town Morphology: The concentric Zone Theory, The Sector Theory and the Multi-Nuclei Theory.
	B.A. III Practical	XIII	6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv)

			Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data
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Month	Class	Paper No.	Units to be completed
June 2022	B.A. I	II	4.1 Origin and History of Agriculture 4.2 Types of Agriculture 4.3 Factors affecting on agriculture 4.4 Problems of Agriculture
	B.A. II	III	4.1 Line Graphs 4.2 Bar Graphs 4.3 Divided Circle 4.4 Proportional Squar
	B.A. III	XI	4.1 Urban Issues: problems of transport). 4.2 Concept of Garden 4.3 Case studies of Delhi, Mumbai, with reference to Land use and Urban Issues.
	B.A. III Practical	XIII	Journal Cheeking & Certified Work

Month	Class	Paper No.	Units to be completed
Januwary2022 and June 2022	B.A. I	I & II	University Examination
	B.A. II	III & VI	University Examination
	B.A. III	IX, XI, XIII	University Examination



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2021-22

Name of Teacher: - Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-I

Subject: DSE-1 Geography

Paper title: Physical Geography.

Paper No.: I

Month	Topic/Unit	Sub-units Planned
Oct	Module – I Introduction to Physical Geography	Syllabus and Introduction Meaning and Definitions Scope of Physical Geography Branches of Physical Geography Importance of Physical Geography
Nov	Module- II Atmosphere	Composition and Structure of Atmosphere Insolation: Factors affecting on Insolation Temperature: Distribution of temperature Atmospheric Pressure: Belts and Planetary Winds.
Dec	Module – III Lithosphere	Interior of the earth Wagner's Continental Drift Theory Earthquakes – Causes and Effects Volcano – Causes and Effects
Jan	Module – IV Denudation	Weathering: Concept and Types Davis Concept of Cycle of erosion Erosional Landforms of river. Depositional Landforms of river.



Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2021-22

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-II

Subject: DSE-2, Geography

Paper title: Human Geography.

Paper No.: II

Month	Topic/Unit	Sub-units Planned
March	Module- I Human Geography	Syllabus and Introduction Definitions of Human Geography Scope of Human Geography Branches of Human Geography Importance of Human Geography
April	Module –II Population	Factors affecting on distribution of population Malthus' theory of Population Growth Demographic Transition Theory Migration: Types and Effects
May	Module –III Settlement	Types and patterns of rural settlements Functions of Rural Settlements Factors affecting on urbanization Functions of Urban Centers
June	Module – IV Agriculture	Origin and History of Agriculture Types of Agriculture Factors affecting on agriculture Problems of Agriculture



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2021-22

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II

SEM:-III

Paper: I

Subject: GE-1, Tourism Geography Paper title: Concept in Tourism Geography

Month	Topic/Unit	Sub-units Planned
Oct	Module I: Introduction to Tourism Geography	Syllabus and Introduction Definition of Tourism and Tourist Nature of Tourism Geography
Nov		Scope of Tourism Geography Historical development of Tourism Significance of Tourism Geography
Dec	Module II: Component of Tourism	Geographical components Social components
Jan		Cultural components Other components

ANNUAL TEACHING PLAN-2021-22

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II (IDS)

SEM:-II

Paper No.: II

Subject: GE-2, Tourism Geography Paper title: Development and Planning of Tourism

Month	Topic/Unit	Sub-units Planned
March	Module I: Development and Planning of Tourism in India	Syllabus and Introduction Tourism in ancient period Tourism in modern period
April		Role of tourism in national economy Tourism planning in India
May	Module II: Tourism Centers in India	Natural tourism centers in India Religious tourism centers in India
June		Cultural tourism centers in India Historical tourism centers in India



Shikshan Prasarak Sanstha's
Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2021-22

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-V

Subject: E-107, Geography Paper title: **Geography of India,** Paper No.: VIII

Month	Topic/Unit	Sub-units Planned
Oct	Module -I Physical Profile of India	Syllabus and Introduction Location (Absolute and Relative) Physiographic Divisions Climate: Summer, Rainy and Winter Seasons in India Major Drainage Systems: a) Northern River Systems b) Southern River Systems
Nov	Module -II Soils and Forests	Major soil types, characteristics and its distribution in India Soil degradation and soil conservation in India Major forest types: characteristics and their distribution Deforestation and conservation of forests in India
Dec	Module -III Mineral and Power Resources	Conventional Resources: Iron Ore and Manganese Power Resources: Coal and Mineral Oil Non-Conventional Resources: Solar and Wind
Jan	Module -IV Agriculture and Industry	Importance of Agriculture in Indian Economy. Major Crops: - Importance of Industries in Indian Economy. Industries: Location Factors, Sugar Industry, Iron and Steel Industry and Fertilizer Industry



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2021-22

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-VI

Paper No.: X

Subject: E-231, Geography

Paper title: Economic Geography

Month	Topic/Unit	Sub-units Planned
March	Module – I Introduction to Economic Geography	Syllabus and Introduction Definition, Nature and Scope Concept and Classification of Economic Activity Branches of Economic Geography Significance of Economic Geography
April	Module – II Economic Activity	Factors Affecting on Location of Agricultural Activity Factors Affecting on Location of Industrial Activity Alfred Weber's Theory of Industrial Location
May	Module – III Manufacturing Activity	Concept of Manufacturing Region Concept of Special Economic Zone Major Industries: i) Cotton Textile Industry - USA ii) Iron and Steel Industry – USA iii) Sugar Industry – Brazil iv) Automobile Industry – India
June	Module – IV Transport and Trade	Significance of Transportation Major Transport Routs: Roadway, Railway, Airway and Ocean Routs International Trade: India and USA Trade Policies: India and USA



Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2021-22

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

Division: 'A'

SEM:-VI

Subject: DSE, E-235 Paper title: Advance Tools Techniques & field works Paper No.:

XIV

Month	Topic/Unit	Sub-units Planned
Oct	Module-I: Introduction to Computer	Syllabus and Introduction to Computer Application of computer in geography a) Construction of Line Graphs, Bar Graphs b): Construction of Pie Diagram and Scatter Diagram Application of Excel for Data Analysis
Nov	Module:-II: Remote Sensing	Definition of Remote Sensing Fundamentals of Remote Sensing: - Aerial photographs and Satellite imagery: - Determination of Photo Scale Elements of image interpretation Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery
Dec	Module-III: GIS and GNSS	Geographical Information System (GIS) Raster and Vector data Geo-referencing, Digitization, Map Layout Preparation Global Navigation Satellite System Exercise with Google earth Program
Jan/Feb	Module-IV: Statistical methods and techniques	Measures of Central Tendency:- Dispersion:- Association and Correlation:- Analysis of Time Series:
March	Module-V: Surveying	Introduction to Survey: Meaning and types Plane Table survey, Dumpy Level survey, Theodolite survey, Total Station, Abony Level Survey Preparation of plans Prismatic compass survey Types and conversion of bearings. Correction of bearing.
April	Module-VI: Project work based on field work any one of following:	Resource survey, Population survey, Agricultural survey, Settlement Survey, Environmental issues, Industrial visit, Health survey, Natural Hazard or Disaster
May	Module- VII: Study Tour	Maximum 15 days of Study Tour and preparation of Tour Report.
June	Journal checking	

Drade
Dr. D.A. Gade

ANNUAL TEACHING PLAN

(Academic Year: 2021-2022)



Mrs.V.P.Ghatage .
Assistant Professor, (C.H.B.)
Dept. of Geography

Class: B.Sc. Part- I

Month	Class	Paper No.	Units to be completed
From 1 Oct. Term start Oct-Nov 2021	B.Sc. I	I	Introduction to Physical Geography & atmosphere. 1.1 Definitions and scope of physical Geography. 1.2 Branches of physical Geography.
	B.Sc I	II	Lithosphere and Earth's Movements 1.1 Interior of the Earth: Structure of the Earth's interior, Density and Temperature in the interior of the Earth. 1.2 Rocks: Definition, classification of Rocks, Igneous rock, Sedimentary rocks and Metamorphic Rocks (Characteristics, Classification and Landforms)
	B.Sc. I Practical	I	MAP 1.1 Map: Definition, Elements and Types 1.2 Maps and Globe- Similarities and Differences 1.3 Significance and uses of Maps and Globes. Map Scale Map Scale 2.1 Meaning and Definition, 2.1 Methods of Representation of scale - Verbal, Numerical and Graphical. 2.3 Scale Conversion-i) verbal to numerical. ii) Numerical to verbal. 2.4 Construction of Graphical Scale - i) Simple (Plane Scale) ii) Comparative Scale iii) Time and Distance Scale iv) Diagonal Scale
Month	Class	Paper No.	Units to be completed
November- Dec 2021	B.Sc. I	I	Introduction to Physical Geography & atmosphere 1.3 Recent Trends in physical Geography 1.4 Importance of physical Geography 1.5 Composition and Structure of Atmosphere Weather and Climate Insolation, Temperature, Atmospheric Pressure and Indian Monsoon 2.1 Insolation: Definition, Factors affecting on distribution of Insolation, World Distribution of Insolation, Heat Balance of the Earth.

			2.2 Temperature: Distribution of temperature (Vertical and Horizontal)
	B.Sc. I	II	Lithosphere and Earth's Movements 1.3 Endogenetic forces, diastrophic forces and movements: Folds and Faults 1.4 Wegener's Theory of Continental Drift. Fluvial Geomorphology and Hydrosphere 2.1 Cycle of Erosion-W.M.Davis
	B.Sc.I Practical	I	3.1 Definition, Classification of Projections: i) Based on the methods of Construction: Perspective and Non-perspective ii) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. iii) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. iv) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic v) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 3.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal polar Equidistant Projection iii) Zenithal Polar Equal Area Projection iv) Cylindrical Equal-Area projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection .

Month	Class	Paper No.	Units to be completed
December-2021- January-2022	B.Sc. I	I	Insolation, Temperature, Atmospheric Pressure and Indian Monsoon 2.3 Pressure: Definition, Vertical and Horizontal Distribution, Pressure Belts, Shifting of Pressure Belts. 2.4 Indian Monsoon: Indian Monsoon and-Tibet Plateau, Jet Stream and El-Nino. 2.5 Season in India: Summer, Rainy and Winter.
	B.Sc. I	II	Fluvial Geomorphology and Hydrosphere 2.2 Running Water or River: Major Landforms formed by Erosion, Transportation and Deposition Processes of River 2.3 Temperature of Ocean Water: Factors affecting on Horizontal Distribution of Temperature of Ocean Water, vertical Distribution of Temperature Ocean Water 2.4 Salinity of Ocean Water: Affecting Factors on salinity of ocean water, Distribution of salinity-Horizontal and Regional.

	B.Sc.I Practical	I	Representation of Statistical Data. 4.1 Graphs and Diagrams I) One Dimensional Diagrams: d) Band Graph e) Climograph f) Hythergraph
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February-2022	University Examination
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Month	Class	Paper No.	Units to be completed
March- April 2022	B.sc. I	III	Human Geography and Human Race 1.4 Definitions and Scope of Human Geography 1.5 Branches of Human Geography 1.6 Recent Trends of Human Geography 1.4 Importance of Human Geography
	B.Sc. I	IV	Composition of population and Population Migration 1.7 Age Composition: Factors affecting on Age Composition, Age Composition in India. 1.8 Sex Ratio: Factors Affecting on Sex Composition, sex composition in India. 1.9 Human Migration: Definition
	B.Sc.I Practical	I	Representation of statistical data 4.2 Two Dimensional Diagrams: c) Proportional circle d) Proportional Spheres 4.3 Three Dimensional Diagram:Cube Diagram

Month	Class	Paper No.	Units to be completed
April-May 2022	B.Sc. I	III	Human Geography and Human Race 1.7 Human Races-Major Racial Groups and Classification 1.8 Religious and Ethnic Groups in the World. Population 2.1 World Growth of Population.
	B.Sc. I	IV	Composition of population and Population Migration 1.10 Types of Migration 1.11 Causes of Migration 1.12 Consequences of Migration

	B.Sc.I Practical	I	Representation of statistical data 4.4 Distributional Diagrams a) Choropleth Map b) Isoleth Map Remote Sensing 5.1 Definition, Concept and history of Remote Sensing

Month	Class	Paper No.	Units to be completed
May- June- 2022	B.Sc. I	III	Population 2.2 Factors affecting the distribution of the World population. 2.3 Distribution of the World population
	B.Sc. I	IV	Settlements and Location Theories 2.1 Types and Pattern of Settlements. 2.2 Site and Situation of Rural Settlements.
	B.Sc.I Practical	I	Remote Sensing 5.2 Elements of Remote Sensing: EMR, Sensors and Platforms. 5.3 Application of Remote Sensing in Geography 5.4 Aerial photographs and Satellite imagery: Definition, types and difference between them. 5.5 Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery with the help of stereoscope. 5.6 Determination of photo Scale.

Month	Class	Paper No.	Units to be completed
June-July 2022	B.Sc. I	III	Population 2.4 Theory of Population Growth-Malthus 2.5 Demographic Transition Theory
	B.Sc. I	IV	Settlements and Location Theories 2.3 Urbanization and World Trend of Urbanization. 2.4 Christaller's Central Place Theory. 2.5 Perroux's Growth Pole Theory
	B.Sc.I Practical	I	Journal Checking & Certified Work

Month	Class	Paper No.	Units to be completed
July 2022	B.Sc. I		University Examination



ANNUAL TEACHING PLAN

(Academic Year: 2021-2022)

Mr. A. M. Mali
Assistant Professor, [C.H.B]
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
October 2021	B.A. II	IV	1.1 Definition and Scope of Resource Geography 1.2 Resource: Concept and Classification 1.3 Importance of Resource Geography
	B.A. III Practical	IX	1.1 Definition of Population Geography 1.2 Nature and Scope of Population Geography 1.3 Significance of Population Geography 1.4 Sources of Population Data
		XIII	2.1 Definition, Components and Development of Remote Sensing. 2.2 Principles of Remote Sensing: EMR, Sensors and Platforms. 2.3 Application of Remote Sensing in Geography. 2.4 Aerial photographs and Satellite imagery: Definition, types and difference between them.

Month	Class	Paper No.	Units to be completed
November 2021	B.A. II	IV	2.1 Water Resources: Distribution, Utilization and Problems 2.2 Forest Resources: Distribution, Utilization and Problems 2.3 Energy Resources: Distribution, Utilization and Problems 2.4 Human Resources: Distribution, Utilization and Problems
	B.A. III	IX	2.1 World Growth of population 2.2 Factors affecting on the distribution of population 2.3 Population distribution of the world 2.4 Theories of Population Growth: Malthus Theory and Demographic Transition Theory
	B.A. III Practical	XIII	2.5 Determination of Photo Scale. 2.6 Identification of Physical and cultural features from Aerial Photographs

			or Satellite Imagery.
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Month	Class	Paper No.	Units to be completed
December 2021 January 2022	B.A. II	IV	3.1 Concept of Sustainable Resource Development 3.2 Sustainable Natural Resource Development: Water, Forest and Energy 3.3 Sustainable Human Resource Development
	B.A. III	IX	3.1 Concept of Population Dynamics 3.2 Fertility: Causes, Effects and Measures 3.3 Mortality: Causes, Effects and Measures 3.4 Migration: Causes, Effects and Measures
	B.A. III Practical	XIII	3.1 Geographical Information System (GIS) 3.1.1 Definition and components 3.1.2 GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data 3.1.3 Georeferencing, Digitization, Map Layout Preparation 3.1.4 Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring

January 2022	University Examination
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Month	Class	Paper No.	Units to be completed
March 2022	B.A. II	V	1.1 Definition, Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography
	B.A. III	X	1.1 Definition, Nature and Scope 1.2 Concept and Classification of Economic Activity 1.3 Branches of Economic Geography 1.4 Significance of Economic Geography
	B.A. III Practical	XIII	3.2 Global Navigation Satellite System (Global Positioning System) 3.2.1 Definition and components 3.2.2: Application of GPS in Geography 3.2.3 Field work in GPS: Determining latitude, longitude and altitude 3.3: Exercise with Google earth Program.

Month	Class	Paper No.	Units to be completed
April 2022	B.A. II	V	2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature 2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity 2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean
	B.A. III	X	2.1 Factors Affecting on Location on Agricultural Activity 2.2 Factors Affecting on Location on Industry Activity 2.3 Location Theory: i) Weber's Theory of Industrial Location ii) Losch's Theory of Industrial Location
	B.A. III Practical	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge.

Month	Class	Paper No.	Units to be completed
May 2022	B.A. II	V	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources – Biotic- Mineral and Energy Resources 3.4 Ocean Pollution – Causes, Effects and Measures
	B.A. III	X	3.1 Concept of Manufacturing Regions 3.2 Concept of Special Economic Zones 3.3 Major Industries: i) Cotton Textile Industry - USA ii) Iron and Steel Industry – USA iii) Sugar Industry – Brazil iv) Automobile Industry – India and Japan
	B.A. III Practical	XIII	5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
June 2022	B.A. II	V	4.1 Hypsographic Curve 4.2 Wind rose 4.3 Isohalines 4.4 Isotherms
	B.A. III	X	Transport and Trade 15 1 4.1 Significance of Transportation 4.2 Major Transport Routs: Roadway, Railway, Airway and Ocean Routs 4.3 International Trade: India, USA, China and Brazil 4.4 Trade Policies: India, USA and China
	B.A. III Practical	XIII	Journal Cheeking & Certified Work

Month	Class	Paper No.	Units to be completed
January 2022 June 2022	B.A. II	IV & V	University Examination
	B.A. III	IX & XII	University Examination
	B.A. III Practical	XIII & XIV	University Examination

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Department of Geography
P. V. P. Mahavidyalaya Kavathe Maharkh
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PVP Mahavidyalaya Kavthe Mahankal

Annual Teaching Plan

(Academic Year 2021 – 2022)



Miss – S. G. Mane

Assistant Professor (C.H.B)

Dept. of Geography.

Class – B.A.II, B.A.III

Month	Class	Paper No.	Units to be completed
From	B.A.II	III	Soil : Classification and Distribution 3.1 Genetic Classification of Soils, 3.2 Soil characteristics and major soils Distribution in Maharashtra.
Oct- Nov 2021	B.A.III	VIII	Mineral and power Resources 3.1 Conventional Resources : Iron ore and Manganese (Distribution , Production and Trade) 3.2 Power Resources : Coal and Mineral oil (Distribution , Production and Trade)
	B.A.III (Practical)	XIII	Introduction to Map and Scales 1.1 Map 1.1.1 Map : Definition and Elements 1.1.2 Classification of Maps : Based on Scale and purpose 1.2 Scale 1.2.1 Meaning and Definition

Month	Class	Paper No.	Units to be completed
Nov – Dec 2021	B.A.II	III	Soil 3.3 Soil Degradation : Concept, Causes, Consequences and Measures. Soil Analysis 4.1 Soil Profile 4.2 Soil Sample : Tools
	B.A.III	VIII	3.3 Non Conventional Resources : Solar and Wind (Distribution, Production and Trades) Agriculture and Industry 4.1 Importance of Agriculture in Indian Economy.
	B.A.III (Practical)	XIII	Scale 1.2.2 Methods of Representation of Scale - Verbal, Numerical and Graphical 1.2.3 Scale conversion Verbal Scale to Numerical Scale Numerical Scale to Verbal Scale
December 2021 January 2022	B.A.II	III	Soil Analysis 4.3 Soil Analysis : Saline and Alkaline 4.4 Vermi composting Process Practical 5.1 Draw Soil Profile of local Area.
	B.A.III	VIII	Agriculture and Industry 4.2 Major Crops : Rice and Sugarcane (Distribution , Production and trade) 4.3 Importance of Industries in Indian Economy.
	B.A.III (Practical)	XIII	Scale 1.2.4 Construction of Graphical Scale- i) Simple (Plane Scale) ii) Time and Distance Scale
February 2022			University Examination

Month	Class	Paper No.	Units to be completed
March – April 2022	B.A.II	VI	Regionalization , Problems and Modern Concepts in Agriculture 3.1 Agriculture Regionalization (Crop Combination and Crop Diversification) 3.2 Agricultural Problems: Physical and Socio – economical (Economic, social, cultural, political and Administrative)
	B.A.III	XI	Structure and Morphology of Urban Centers 3.1 Structure and Morphology 3.2 city Region and C.B.D.
	B.A.III (Practical)	XIII	Construction of graphical Scale iii) Diagonal Scale Representation Techniques of Statistical Data a) Divided Rectangle
April – May 2022	B.A.II	VI	Modern concepts in Agriculture 3.3 Modern Concepts in Agriculture : Green Revolution and Organic Farming Food , Nutrition and Health 4.1 Distribution Pattern of Food and Nutrition
	B.A.III	XI	Structure and Morphology of Urban Centers 3.3 Rural – Urban Fringe 3.4 Models of Town Morphology: The Concentric Zone Theory, The Sector Theory, The Multi – Nuclei Theory.
	B.A.III (Practical)	XIII	Representation Techniques of Statistical Data b) Proportional Circle c) Proportional Square d)Choropleth map

Month	Class	Paper No.	Units to be completed
May – June – 2022	B.A.II	VI	Food , Nutrition and Health 4.2 Causes and Spatial Pattern of Hunger. 4.3 Eradication of Hunger.
	B.A.III	XI	Urban Problems and Issues 4.1 Urban Issues : Problems of Housing, Slums, Civic amenities (Water and transport.) 4.2 Concept of Garden City
	B.A.III (practical)	XIII	Representation Techniques of Statistical Data a) Dot Map b) Isopleths
June – July- 2022	B.A.II	VI	Food , Nutrition and Health 4.4 Nutrition and Health Practical (Theory Only) 5.1 Line and Bar Graphs.
	B.A.III	XI	Urban Problems And Issues 4.3 Urban Planning in India 4.4 Case Studies of Mumbai and Chandigarh with references to land use and Urban issues.
	B.A.III (Practical)	XIII	Journal Checking And Certified Work
July 2022			University Examination

Miss. Mane S.G.



ANNUAL TEACHING PLAN
Academic Year-2022-23

Dr. T. E. Kumbhar
Associate Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
October 2021	B.Com. I		1.1 Meaning of Commercial Geography 1.2 Nature of Commercial Geography 1.3 Scope of Commercial Geography 1.4 Significance of Commercial Geography.
	B.A. II	IV	1.1 Definition and Scope of Resource Geography 1.2 Resource: Concept and Classification 1.3 Importance of Resource Geography
	B.A. III	IX	1.1 Definition of Population Geography 1.2 Nature and Scope of Population Geography 1.3 Significance of Population Geography 1.4 Sources of Population Data
	B.A. III (P)	XIII	1.1 Scale 1.1.1 Meaning and Definition, 1.1.2 Methods of Representation of scale - Verbal, Numerical and Graphical. 1.1.3 Scale Conversion 1.1.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Time and Distance Scale iii) Diagonal Scale 1.2 Map 1.2.1 Map – Definition, Elements 1.2.2 Classification of Maps: Based on Scale and Purpose 1.2.4 Significance and uses of Maps

Month	Class	Paper No.	Units to be completed
November 2021	B.Com. I		2.1 Meaning & importance of Resources 2.2 Classification of Resources 2.3 Conservation of Resources & sustainable economic development.

			2.4 Major Bio-Resources & their international trade.
	B.A. II	IV	2.1 Water Resources: Distribution, Utilization and Problems 2.2 Forest Resources: Distribution, Utilization and Problems 2.3 Energy Resources: Distribution, Utilization and Problems 2.4 Human Resources: Distribution, Utilization and Problem
	B.A. III		2.1 World Growth of population 2.2 Factors affecting on the distribution of population 2.3 Population distribution of the world 2.4 Theories of Population Growth: Malthus Theory and Demographic Transition Theor
	B.A. III (P)	XIII	2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 2.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal Polar Stereographic Projection iii) Zenithal polar Equidistant Projection iv) Zenithal Polar Equal Area Projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projection

Month	Class	Paper No.	Units to be completed
December 2021 to January 2022	B.Com. I		3.1 Classification of Economic activities. 3.2 Factors affecting Economic activities. 3.3 Economic activities & National economy.
	B.A. II	IV	3.1-Concept of Sustainable Resource Development 3.2 Sustainable Natural Resource Development: Water, Forest and Energy 3.3 Sustainable Human Resource

			Development
	B.A. III	IX	3.1 Concept of Population Dynamics 3.2 Fertility: Causes, Effects and Measures 3.3 Mortality: Causes, Effects and Measures 3.4 Migration: Causes, Effects and Measures 4.1 Meaning of Globalization
	B.A. III (P)	XIII	3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint ii. Quantitative:- Contours, Form lines, Spot Heights, Bench Marks, Triangulation Mark, Relative Height

January 2022	University Examination
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Month	Class	Paper No.	Units to be completed
March 2022	B.Com. I		1.1 Marketing Geography Concept & Meaning. 1.2 Marketing Geography Nature 1.3 Marketing Geography - Scope. 1.4 Marketing Geography- Significance 1.5 Marketing Geography- Primary Components.
	B.A. II	V	1.1 Definition, Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography
	B.A. III	XII	1.1 Definition of Political Geography 1.2 Nature and Scope of Political Geography 1.3 Historical Development of Political Geography 1.4 Significance of Political Geography
	B.A. III (P)	XIII	3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite

			Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile
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Month	Class	Paper No.	Units to be completed
April 2022	B.Com. I		2.1 Definition of Market 2.2 Structure & Significance of Markets. 2.3 Geographical factors affecting Market system. 2.4 Classification of Markets.
	B.A. II	V	2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature 2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity 2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean
	B.A. III		Concepts in Political Geography 18 Lectures 01 2.1 State 2.2 Nation 2.3 Boundary 2.4 Frontiers
	B.A. III (P)	XIII	Topographical Maps Periods 50 Marks (15) 4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural environment: Settlements, Transportation and Communication, Irrigation. d) Land Us

Month	Class	Paper No.	Units to be completed
May 2022	B.Com. I		3.1 Definition Meaning of and Significance of Agricultural Marketing. 3.2 Nature and approaches to the study of Agricultural Marketing .

			3.3 Process and system of Agricultural Marketing . 3.4 Functions and channels of Agricultural Marketing
	B.A. II	V	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources – Biotic- Mineral and Energy Resources 3.4 Ocean Pollution – Causes, Effects and Measures
	B.A. III	XII	.1 Hartland Theorie - H. J. Mackinder 3.2 Rimland Theorie – N. J. Spykeman
	B.A. III (P)	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
June 2022	B.Com. I		4.1 Meaning & Importance of Tourism in India. 4.2 Tourism in Modern Period in India. 4.3 Major tourism centers in a) Jammu & Kashmir, b) Delhi. c) Uttaranchal. d) Maharashtra. e) Goa. f) Kerala.
	B.A. II	V	4.1 Hypsographic Curve 4.2 Wind rose 4.3 Isohalines 4.4 Isotherm

	B.A. III	XII	4.1 Krishna Water Conflict (Inter Satate) 4.2 Ganga Water Conflict (International) 4.3 Issues of Relief, Compensation and Rehabilitation: Sardar Sarovar 4.4 Issues of Relief, Compensation and Rehabilitation: Chandoli Projects
	B.A. III	XIII	Representation of Statistical Data Periods 50 Marks (15) 6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv) Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data

Month	Class	Paper No.	Units to be completed
January 2022	B.Com. I	I & II	University Examination
	B.A. II	IV & V	University Examination
June 2022	B.A. III	IX, XII, XIII	University Examination

T. E. Kumbhar

(Dr. T. E. Kumbhar)



P.V.P. Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN

(Academic Year: 2022-2023)

Dr. N. S. Pol
Assistant Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
August-2022	B.A. I	I	Introduction to Physical Geography & Meaning and Definitions, Meaning and Definitions
	B.A. II	III	1.1 Definition, Nature and Scope of Soil Geography 1.2 History of Soil Geography and Pedology 1.3 Significance of Soil Geography
	B.A. III Practical	IX	1.1 Contribution of Greeks and Romans 1.2 Geography in Muslim world 1.3 Renaissance period in Europe 1.4 Renowned travelers and their geographical discoveries
		XIII	1.1 Scale 1.1.1 Meaning and Definition, 1.1.2 Methods of Representation of scale - Verbal, Numerical and Graphical. 1.1.3 Scale Conversion 1.1.4 Construction of Graphical Scale - i) Simple (Plane Scale) ii) Time and Distance Scale iii) Diagonal Scale 1.2 Map 1.2.1 Map - Definition, Elements 1.2.2 Classification of Maps: Based on Scale and Purpose 1.2.4 Significance and uses of Maps

Month	Class	Paper No.	Units to be completed
September-2022	B.A. I	I	2.1 Composition and Structure of Atmosphere 2.2 Insolation: Factors affecting on Insolation 2.3 Temperature: Distribution of temperature (Vertical and Horizontal) 2.4 Atmospheric Pressure: Belts and Planetary Winds.
	B.A. II	III	2.1 Jenny's Factorial Model of Soil Formation: Parent Material, Biotic, Climatic, Relief and Time factor. 2.2 Process of Soil Formation: Physical, Biotic and Chemical. 2.3 Physical Properties of Soils: Morphology, Texture, Structure, Water, Air and Temperature. 2.4 Chemical Properties of Soils: PH, Organic Matter, NPK (Nitrogen, Phosphorous and Potassium).

	B.A. III	IX	2.1 German School of Geography – Humboldt, Ritter 2.2 French School of Geography – Blache & Brunhes 2.3 American School of Geography – Sauer & Huntington 2.4 British School of Geography – Mackinder & Herbertson
	B.A. III Practical	XIII	2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection)

Month	Class	Paper No.	Units to be completed
October 2022	B.A. I	I	3.1 Interior of the earth 3.2 Wagner's Continental Drift Theory 3.3 Earthquakes – Causes and Effects 3.4 Volcano –
	B.A. II	III	3.1 Genetic Classification of Soils. 3.2 Soil Characteristics and Major Soils Distribution in Maharashtra. 3.3 Soil Degradation: Concept, Causes, Consequences and Measures
	B.A. III	IX	3.1 Environmental Determinism and Possibilism 3.2 Systematic & Regional geography 3.3 Physical & human geography 3.4 The myth and reality about dualisms
	B.A. III Practical	XIII	3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint

Month	Class	Paper No.	Units to be completed
November 2022	B.A. I	I	4.1 Weathering: Concept and Types 4.2 Davis Concept of Cycle of erosion 4.3 Erosional Landforms of river. 4.4 Depositional Landforms of river.

	B.A. II	III	4.1 Soil Profile 4.2 Soil Sample: Tools 4.3 Soil Analysis: Saline and Alkaline 4.4 Vermicompost Process
	B.A. III	IX	3.4 The myth and reality about dualisms 4.1 Quantitative Revolution and its Impact 4.2 Changing Concept of Space in Geography 4.3 Contribution of Indian Geographer 4.4 Future of Geography
	B.A. III Practical	XIII	3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fjord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile

Month	Class	Paper No.	Units to be completed
December 2022	B.A. I	I	4.3 Erosional Landforms of river. 4.4 Depositional Landforms of river.
	B.A. II	III	4.3 Soil Analysis: Saline and Alkaline 4.4 Vermicompost Process
	B.A. III	IX	4.2 Changing Concept of Space in Geography 4.3 Contribution of Indian Geographer 4.4 Future of Geography
	B.A. III Practical	XIII	3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile

January 2023	University Examination
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Month	Class	Paper No.	Units to be completed
January 2023	B.A. I	II	Definitions of Human Geography 1.2 Scope of Human Geography 1.3 Branches of Human Geography 1.4 Importance of Human Geography
	B.A. II	IV	1.1 Definition, Nature, Scope and Significance of Agricultural Geography 1.2 Evolution of agriculture: Ancient, Medieval and Modern Period 1.3 Determinants of Agriculture: Physical and Human (economic, social, cultural, political and administrative)

	B.A. III	XI	1.1 Urban Geography Introduction: Meaning and Definitions 1.2 Nature of Urban Geography 1.3 Scope of Urban Geography 1.4 Significance of Urban Geography
	B.A. III Practical	XIII	4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural Environment: Settlements, Transportation and Communication, Irrigation. d) Land Use

Month	Class	Paper No.	Units to be completed
February 2023	B.A. I	II	Factors affecting on distribution of population 2.2 Malthus' theory of Population Growth 2.3 Demographic Transition Theory 2.4 Migration: Types and Effects
	B.A. II	IV	2.1 Major Agricultural Systems: Nomadic Herding, Livestock Ranching, Shifting Cultivation, Intensive Subsistence Farming, Commercial Farming and Horticulture 2.1 Von Thunen's Theory of Agricultural land-use
	B.A. III	XI	2.1 Site and Situation: Significance and Types. 2.2 Concept and Factors of Urbanization. 2.3 Patterns of Urbanization in developed and developing countries. 2.4 Functional classification of cities (Quantitative and Qualitative).
	B.A. III Practical	XIII	5.1 Study of weather Instruments with reference to Principles, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
March 2023	B.A. I	II	3.1 Types and patterns of rural settlements 3.2 Functions of Rural Settlements 3.3 Factors affecting on urbanization 3.4 Functions of Urban Centers
	B.A. II	III	3.1 Methods of Agricultural Regionalization: Crop Combination and Crop Diversification 3.2 Agricultural Problems: Physical and Non-Physical (Economic, Social, Cultural, Political and Administrative) 3.3 Sustainable Agriculture

	B.A. III	XI	3.1 Concept of Structure and Morphology 3.2 Concept of City Region and C.B.D. 3.3 Rural-Urban Fringes. 3.4 Models of Town Morphology: The concentric Zone Theory, The Sector Theory and the Multi-Nuclei Theory.
	B.A. III Practical	XIII	6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv) Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data

Month	Class	Paper No.	Units to be completed
April 2023	B.A. I	II	4.1 Origin and History of Agriculture 4.2 Types of Agriculture 4.3 Factors affecting on agriculture 4.4 Problems of Agriculture
	B.A. II	III	4.1 Line Graphs 4.2 Bar Graphs 4.3 Divided Circle 4.4 Proportional Squar
	B.A. III	XI	4.1 Urban Issues: problems of transport). 4.2 Concept of Garden 4.3 Case studies of Delhi, Mumbai, with reference to Land use and Urban Issues.
	B.A. III Practical	XIII	Journal Cheeking & Certified Work

Month	Class	Paper No.	Units to be completed
Januwary2023 and June 2023	B.A. I	I & II	University Examination
	B.A. II	III & VI	University Examination
	B.A. III	IX, XI, XIII	University Examination



Shikshan Prasarak Sanstha's

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2022-23

Name of Teacher: - Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-I

Subject: DSE-1 Geography

Paper title: Physical Geography.

Paper No.: I

Month	Topic/Unit	Sub-units Planned
July August	Module – I Introduction to Physical Geography	Admission Process Syllabus and Introduction Meaning and Definitions Scope of Physical Geography Branches of Physical Geography Importance of Physical Geography
Sept	Module- II Lithosphere	Interior of the earth Wagner's Continental Drift Theory Earthquakes – Causes and Effects Volcano – Causes and Effects
Oct/Nov	Module – III Denudation	Weathering: Concept and Types Davis Concept of Cycle of erosion Erosional Landforms of river. Depositional Landforms of river.
Dec	Module – IV Atmosphere	Composition and Structure of Atmosphere Insolation: Factors affecting on Insolation Temperature: Distribution of temperature Atmospheric Pressure: Belts and Planetary Winds.



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2022-23

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-II

Subject: DSE-2, Geography

Paper title: Human Geography.

Paper No.: II

Month	Topic/Unit	Sub-units Planned
Jan/Feb	Module- I Human Geography	Syllabus and Introduction Definitions of Human Geography Scope of Human Geography Branches of Human Geography Importance of Human Geography
March	Module –II Population	Factors affecting on distribution of population Malthus' theory of Population Growth Demographic Transition Theory Migration: Types and Effects
April	Module –III Settlement	Types and patterns of rural settlements Functions of Rural Settlements Factors affecting on urbanization Functions of Urban Centers
May	Module – IV Agriculture	Origin and History of Agriculture Types of Agriculture Factors affecting on agriculture Problems of Agriculture



Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2022-23

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II

SEM:-III

Paper: I

Subject: GE-1, Tourism Geography

Paper title: Concept in Tourism Geography

Month	Topic/Unit	Sub-units Planned
July/Aug	Module I: Introduction to Tourism Geography	Syllabus and Introduction Definition of Tourism and Tourist Nature of Tourism Geography
Sept		Scope of Tourism Geography Historical development of Tourism Significance of Tourism Geography
Oct	Module II: Component of Tourism	Geographical components Social components
Nov		Cultural components Other components
Dec	Revision	

ANNUAL TEACHING PLAN-2022-23

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II (IDS)

SEM:-II

Paper No.: II

Subject: GE-2, Tourism Geography

Paper title: Development and Planning of Tourism

Month	Topic/Unit	Sub-units Planned
Jan/Feb	Module I: Development and Planning of Tourism in India	Syllabus and Introduction Tourism in ancient period Tourism in modern period
March		Role of tourism in national economy Tourism planning in India
April	Module II: Tourism Centers in India	Natural tourism centers in India Religious tourism centers in India
May		Cultural tourism centers in India Historical tourism centers in India
May	Revision	



Shikshan Prasarak Sanstha's
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2022-23

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-V

Subject: E-107, Geography Paper title: Geography of India, Paper No.: VIII

Month	Topic/Unit	Sub-units Planned
July Aug	Module -I Physical Profile of India	Syllabus and Introduction Location (Absolute and Relative) Physiographic Divisions Climate: Summer, Rainy and Winter Seasons in India Major Drainage Systems: a) Northern River Systems b) Southern River Systems
Sept	Module -II Soils and Forests	Major soil types, characteristics and its distribution in India Soil degradation and soil conservation in India Major forest types: characteristics and their distribution Deforestation and conservation of forests in India
Oct	Module -III Mineral and Power Resources	Conventional Resources: Iron Ore and Manganese Power Resources: Coal and Mineral Oil Non-Conventional Resources: Solar and Wind
Nov	Module -IV Agriculture and Industry	Importance of Agriculture in Indian Economy. Major Crops: - Importance of Industries in Indian Economy. Industries: Location Factors, Sugar Industry, Iron and Steel Industry and Fertilizer Industry
Dec	Revision	



Shikshan Prasarak Sanstha's
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2022-23

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-VI

Paper No.: X

Subject: E-231, Geography

Paper title: Economic Geography

Month	Topic/Unit	Sub-units Planned
Jan	Module – I Introduction to Economic Geography	Syllabus and Introduction Definition, Nature and Scope Concept and Classification of Economic Activity Branches of Economic Geography Significance of Economic Geography
Feb	Module – II Economic Activity	Factors Affecting on Location of Agricultural Activity Factors Affecting on Location of Industrial Activity Alfred Weber's Theory of Industrial Location
March	Module – III Manufacturing Activity	Concept of Manufacturing Region Concept of Special Economic Zone Major Industries: i) Cotton Textile Industry - USA ii) Iron and Steel Industry – USA iii) Sugar Industry – Brazil iv) Automobile Industry – India
April	Module – IV Transport and Trade	Significance of Transportation Major Transport Routs: Roadway, Railway, Airway and Ocean Routs International Trade: India and USA Trade Policies: India and USA



Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2022-23

Name of Teacher:- **Dr. D. A. Gade**

Class: **B.A.-III**

Division: 'A'

SEM:-VI

Subject: **DSE, E-235** Paper title: **Advance Tools Techniques & field works** Paper No.: **XIV**

Month	Topic/Unit	Sub-units Planned
Aug	Module-I: Introduction to Computer	Syllabus and Introduction to Computer Application of computer in geography a) Construction of Line Graphs, Bar Graphs b): Construction of Pie Diagram and Scatter Diagram Application of Excel for Data Analysis
Sept	Module:-II: Remote Sensing	Definition of Remote Sensing Fundamentals of Remote Sensing: - Aerial photographs and Satellite imagery: - Determination of Photo Scale Elements of image interpretation Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery
Oct	Module-III: GIS and GNSS	Geographical Information System (GIS) Raster and Vector data Georeferencing, Digitization, Map Layout Preparation Global Navigation Satellite System Exercise with Google earth Program
Nov	Module-IV: Statistical methods and techniques	Measures of Central Tendency:- Dispersion:- Association and Correlation:- Analysis of Time Series:
Dec	Module-V: Surveying	Introduction to Survey: Meaning and types Plane Table survey, Dumpy Level survey, Theodolite survey, Total Station, Abony Level Survey Preparation of plans Prismatic compass survey Types and conversion of bearings. Correction of bearing.
Jan	Module-VI: Project work based on field work any one of following:	Resource survey, Population survey, Agricultural survey, Settlement Survey, Environmental issues, Industrial visit, Health survey, Natural Hazard or Disaster
Feb	Module- VII: Study Tour	Maximum 15 days of Study Tour and preparation of Tour Report./ Journal checking
March		Journal / Project Report/ Study tour Report


Dr. D. A. Gade

P.V.P. Mahavidyalaya, Kavathe Mahankal



ANNUAL TEACHING PLAN

(Academic Year: 2022-2023)

Mrs.V.P.Ghatage .
Assistant Professor, (C.H.B.)
Dept. of Geography

Class: B.Sc. Part- I

Month	Class	Paper No.	Units to be completed
From 17 Aug-Sept 2022	B.Sc. I	I	Introduction to Physical Geography . 1.1 Definition,Nature and scope of physical Geography. 1.2 Branches of physical Geography.
	B.Sc I	II	Introduction to climatology 1.1 Definition and scope. 1.2 Composition and structure of the atmosphere 1.3 Elements of weather and climate 1.4 Insolation: Definition,solar constant,Factors affecting on distribution of insolation,distribution of insolation and Heat balance of the earth.
	B.Sc. I Practical	I	MAP 1.1 Map: Definition, Elements and Types 1.2 Maps and Globe- Similarities and Differences 1.3 Significance and uses of Maps and Globes. Map Scale Map Scale 2.1 Meaning and Definition, 2.1 Methods of Representation of scale - Verbal, Numerical and Graphical. 2.3 Scale Conversion-i) verbal to numerical. ii)Numerical to verbal. 2.4 Construction of Graphical Scale - i) Simple (Plane Scale) ii) Comparative Scale iii) Time and Distance Scale iv) Diagonal Scale
Month	Class	Paper No.	Units to be completed
Sept-Oct 2022	B.Sc. I	I	Introduction to Physical Geography 1.3 Components of earth systems 1.4 Importance of physical Geography 1.5 Interior of the Earth Structure of the Earth's interior Density and Temperature in the interior of the earth 1.6 Forces of the Earth crust: Endogenetic Forces,Diastrophic Forces,Epeirogenetic Forces Orogenitic Forces

	B.Sc. I	II	1.5 Temperature: Controlling factors of temperature Distribution of temperature; vertical and horizontal 1.6 Atmospheric pressure: Definition, Affecting factors and Distribution of air pressure; vertical and horizontal, pressure belts, shifting of pressure belts.
	B.Sc.I Practical	I	3.1 Definition, Classification of Projections: i) Based on the methods of Construction: Perspective and Non- perspective ii) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. iii) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. iv) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic v) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 3.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal polar Equidistant Projection iii) Zenithal Polar Equal Area Projection iv) Cylindrical Equal-Area projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection .

Month	Class	Paper No.	Units to be completed
Oct-Nov 2022	B.Sc. I	I	1.7 Wegeners Theory of continental Drift. 1.8 Theory of Plate tectonics: plates and boundaries and associated landforms. Denudation 2.1 Concept of denudation 2.2 Weathering 2.3 Fluvial cycle of Erosion; W.M. Davis 2.4 Evolution of landforms: erosional and depositional Fluvial Aeolian
	B.Sc. I	II	1.7 Winds: Planetary winds 1.8 Climate Change: Concept, Natural and Human Causes of Climate change. Oceanography 2.1 Definition 2.2 Surface Configuration of Ocean Floor. 2.3 Temperature of Ocean Water: Factors affecting on Horizontal Distribution of Temperature of Ocean Water, vertical Distribution of Temperature Ocean Water 2.4 Salinity of Ocean Water: Affecting Factors on salinity of ocean water, Distribution of salinity- Horizontal and Regional.
	B.Sc.I	I	Representation of Statistical Data.

	Practical		4.1 Graphs and Diagrams I) One Dimensional Diagrams: a) Band Graph b) Climograph c) Hythergraph
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Dec -2022	University Examination
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Month	Class	Paper No.	Units to be completed
2-Jan-Feb 2023	B.sc. I	III	Human Geography and Human Race 1.1 Definitions and Scope of Human Geography 1.2 Branches of Human Geography 1.3 Importance of Human Geography 1.4 Human Races: Classification and world Racial groups
	B.Sc. I	IV	Composition of population and Population Migration 1.1 Age Composition: Factors affecting on Age Composition, Age Composition in India. 1.2 Sex Ratio: Factors Affecting on Sex Composition, sex composition in India. 1.3 Human Migration: Definition
	B.Sc.I Practical	I	Representation of statistical data 4.2 Two Dimensional Diagrams: a) Proportional circle b) Proportional Spheres 4.3 Three Dimensional Diagram: Cube Diagram

Month	Class	Paper No.	Units to be completed
Feb-Mar 2023	B.Sc. I	III	Human Geography and Human Race 1.5 Human life : ESKIMO and PYGMY Population 2.1 World Growth of Population.
	B.Sc. I	IV	Composition of population and Population Migration 1.4 Types of Migration 1.5 Causes of Migration 1.6 Consequences of Migration Population Policies of Indian and Population projections
	B.Sc.I	I	Representation of statistical data

	Practical		4.4 Distributional Diagrams a) Choropleth Map b) Isopleth Map Remote Sensing 5.1 Definition, Concept and history of Remote Sensing
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Month	Class	Paper No.	Units to be completed
Mar-April 2023	B.Sc. I	III	Population 2.2 Factors affecting the distribution of the World population. 2.3 Distribution of the World population
	B.Sc. I	IV	Settlements 2.1 Definition and Types of Settlements. 2.2 Pattern of Rural Settlements. 2.3 Functions of rural settlements
	B.Sc.I Practical	I	Remote Sensing 5.2 Elements of Remote Sensing: EMR, Sensors and Platforms. 5.3 Application of Remote Sensing in Geography 5.4 Aerial photographs and Satellite imagery: Definition, types and difference between them. 5.5 Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery with the help of stereoscope. 5.6 Determination of photo Scale.

Month	Class	Paper No.	Units to be completed
April-May 2023	B.Sc. I	III	Population 2.4 Theory of Population Growth-Malthus 2.5 Demographic Transition Theory
	B.Sc. I	IV	Settlements 2.3 Urbanization 2.4 Classification of Urban Settlements 2.5 Functions of Urban Settlement.
	B.Sc.I Practical	I	Journal Checking & Certified Work

Month	Class	Paper No.	Units to be completed
May 2023			University Examination



ANNUAL TEACHING PLAN

Academic Year - 2022-23

Mr. A. M. Mali
Assistant Professor, [C.H.B]
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
October 2021	B.A. II	IV	1.1 Definition and Scope of Resource Geography 1.2 Resource: Concept and Classification 1.3 Importance of Resource Geography
	B.A. III	IX	1.1 Definition of Population Geography 1.2 Nature and Scope of Population Geography 1.3 Significance of Population Geography 1.4 Sources of Population Data
	Practical	XIII	2.1 Definition, Components and Development of Remote Sensing. 2.2 Principles of Remote Sensing: EMR, Sensors and Platforms. 2.3 Application of Remote Sensing in Geography. 2.4 Aerial photographs and Satellite imagery: Definition, types and difference between them.

Month	Class	Paper No.	Units to be completed
November 2021	B.A. II	IV	2.1 Water Resources: Distribution, Utilization and Problems 2.2 Forest Resources: Distribution, Utilization and Problems 2.3 Energy Resources: Distribution, Utilization and Problems 2.4 Human Resources: Distribution, Utilization and Problems
	B.A. III	IX	2.1 World Growth of population 2.2 Factors affecting on the distribution of population 2.3 Population distribution of the world 2.4 Theories of Population Growth: Malthus Theory and Demographic Transition Theory.
	B.A. III Practical	XIII	2.5 Determination of Photo Scale. 2.6 Identification of Physical and cultural features from Aerial Photographs

			or Satellite Imagery.
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Month	Class	Paper No.	Units to be completed
December 2021	B.A. II	IV	3.1 Concept of Sustainable Resource Development 3.2 Sustainable Natural Resource Development: Water, Forest and Energy 3.3 Sustainable Human Resource Development
	B.A. III	IX	3.1 Concept of Population Dynamics 3.2 Fertility: Causes, Effects and Measures 3.3 Mortality: Causes, Effects and Measures 3.4 Migration: Causes, Effects and Measures
January 2022	B.A. III Practical	XIII	3.1 Geographical Information System (GIS) 3.1.1 Definition and components 3.1.2 GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data 3.1.3 Georeferencing, Digitization, Map Layout Preparation 3.1.4 Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring

January 2022	University Examination
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Month	Class	Paper No.	Units to be completed
March 2022	B.A. II	V	1.1 Definition, Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography
	B.A. III	X	1.1 Definition, Nature and Scope 1.2 Concept and Classification of Economic Activity 1.3 Branches of Economic Geography 1.4 Significance of Economic Geography
	B.A. III Practical	XIII	3.2 Global Navigation Satellite System (Global Positioning System) 3.2.1 Definition and components 3.2.2: Application of GPS in Geography 3.2.3 Field work in GPS: Determining latitude, longitude and altitude 3.3: Exercise with Google earth Program.

Month	Class	Paper No.	Units to be completed
April 2022	B.A. II	V	2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature 2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity 2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean
	B.A. III	X	2.1 Factors Affecting on Location on Agricultural Activity 2.2 Factors Affecting on Location on Industry Activity 2.3 Location Theory: i) Weber's Theory of Industrial Location ii) Losch's Theory of Industrial Location
	B.A. III Practical	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge.

Month	Class	Paper No.	Units to be completed
May 2022	B.A. II	V	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources – Biotic- Mineral and Energy Resources 3.4 Ocean Pollution – Causes, Effects and Measures
	B.A. III	X	3.1 Concept of Manufacturing Regions 3.2 Concept of Special Economic Zones 3.3 Major Industries: i) Cotton Textile Industry - USA ii) Iron and Steel Industry – USA iii) Sugar Industry – Brazil iv) Automobile Industry – India and Japan
	B.A. III Practical	XIII	5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
June 2022	B.A. II	V	4.1 Hypsographic Curve 4.2 Wind rose 4.3 Isohalines 4.4 Isotherms
	B.A. III	X	Transport and Trade 15 1 4.1 Significance of Transportation 4.2 Major Transport Routs: Roadway, Railway, Airway and Ocean Routs 4.3 International Trade: India, USA, China and Brazil 4.4 Trade Policies: India, USA and China
	B.A. III Practical	XIII	Journal Cheeking & Certified Work

Month	Class	Paper No.	Units to be completed
January 2022 June 2022	B.A. II	IV & V	University Examination
	B.A. III	IX & XII	University Examination
	B.A. III Practical	XIII & XIV	University Examination

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Department of Geography
P. V. P. Mahavidyalaya Kavathe Mahankar
Dist.- Sangli - 416 405.

PVP Mahavidyalaya Kavathe Mahankal



Annual Teaching Plan (Academic Year 2022 – 2023)

Miss – S. G. Mane

Assistant Professor (C.H.B)

Dept. of Geography.

Month	Class	Paper No.	Units to be Completed
From 17 Aug- Sept 2022	B.A.III	VIII	Mineral and Power Resources 3.1 Conventional Resources : Iron ore and Manganese (Distribution, Production and Trade) 3.2 Power Resources: (Coal and Mineral Oil) (Distribution , Production and Trades)
	B.A.III (Practical)	XIII	Introduction to Map and Scales 1.1 Map 1.1.1 Map : Definition and Elements 1.1.2 Classification of Maps : Based on Scale and Purpose 1.2 Scale Meaning and Definition
Sept – Oct 2022	B.A.III	VIII	3.3 Non Conventional Resources : Solar and Wind (Distribution, Production and Trade) Agriculture and Industry 4.1 Importance of Agriculture in Indian Economy 4.2 Major Crops : Rice and Sugarcane (Distribution, Production and Trade)
	B.A.III (Practical)	XIII	Scale 1.2.1 Methods of Representation of Scale – Verbal, Numerical and Graphical 1.2.2 Scale Conversion 1.2.3 Construction of Graphical Scale

			i) Simple (plane Scale)
Oct – Nov 2022	B.A. III	VIII	Agriculture and Industry 4.3 Importance of Industries in Indian Economy 4.4 Industries : Location Factors, Sugar Industry, Iron and Steel Industry and Fertilizer Industry (Distribution , Production and Trade)
	B.A.III	XIII	H Scale i) Time and Distance Scale ii) Diagonal Scale
Dec – 2022			University Examination
Jan – Feb 2023	B.A.III	XI	Structure and Morphology of urban Centers 3.1 Structure and Morphology 3.2 City Region and C.B.D 3.3 Rural – Urban Fringe
	B.A.III (Practical)	XIII	Representation Techniques of Statistical Data a) Divided Rectangle b) Proportional Circle
Feb- mar 2023	B.A.III	XI	Structure and Morphology of Urban Centers 3.4 Models of Town Morphology: The concentric zone Theory, the sector Theory and the multi-Nuclei Theory, Urban Problems and Issues 4.1 Urban Issues: Problems of Housing, slums , civic amenities (Water and Transport)
	B.A.III (Practical)	XIII	Representation Techniques of Statistical Data a) Proportional Square Choropleth Map

Month	Class	Paper No.	Units to be Completed
Mar-April 2023	B.A.III	XI	Urban Problems and Issues 4.2 Concept of Garden City 4.3 Urban Planning in India
	B.A.III (Practical)	XIII	Representation Technical use of Statistical Data a) Dot Map b) Isopleths
April – May 2023	B.A.III	XI	Urban Problems and Issues 4.4 Case studies of mumbai and Chandigarh with reference to land use and urban issues.
	B.A.III (Practical)	XIII	Journal checking & Certified Work
May 2023			University Examination

MS

Miss. Mane S.G.



Shikshan Prasarak Sanstha's
Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-I

Subject: DSE-1 Geography

Paper title: Physical Geography.

Paper No.: I

Month	Topic/Unit	Sub-units Planned
July	Module – I Introduction to Physical Geography	Admission Process Syllabus and Introduction Meaning and Definitions Scope of Physical Geography Branches of Physical Geography Importance of Physical Geography
August	Module- II Lithosphere	Interior of the earth Wagner's Continental Drift Theory Earthquakes – Causes and Effects Volcano – Causes and Effects
Sept	Module – III Denudation	Weathering: Concept and Types Davis Concept of Cycle of erosion Erosional Landforms of river. Depositional Landforms of river.
Oct	Module – IV Atmosphere	Composition and Structure of Atmosphere Insolation: Factors affecting on Insolation Temperature: Distribution of temperature Atmospheric Pressure: Belts and Planetary Winds.
Nov	Module –V	Map (Practical) Map: Definition and Types Maps and Glob- Similarities and Differences Significance and use of maps and glob



Shikshan Prasarak Sanstha's

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2023-24

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-I

Division: 'B'

SEM:-II

Subject: DSE-2, Geography

Paper title: Human Geography.

Paper No.: II

Month	Topic/Unit	Sub-units Planned
Dec	Module- I Human Geography	Syllabus and Introduction Definitions of Human Geography Scope of Human Geography Branches of Human Geography Importance of Human Geography
Jan	Module –II Population	Factors affecting on distribution of population Malthus' theory of Population Growth Demographic Transition Theory Migration: Types and Effects
Feb	Module –III Settlement	Types and patterns of rural settlements Functions of Rural Settlements Factors affecting on urbanization Functions of Urban Centers
March	Module – IV Agriculture	Origin and History of Agriculture Types of Agriculture Factors affecting on agriculture Problems of Agriculture
April	Module – IV Google Earth	Concept of Google Earth Application of Dot, Line and Polygon according to Features Exercise with Google Earth Programme



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2023-24

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II

SEM:-III

Paper: I

Subject: GE-1, Tourism Geography Paper title: Concept in Tourism Geography

Month	Topic/Unit	Sub-units Planned
July/Aug	Module I: Introduction to Tourism Geography	Syllabus and Introduction Definition of Tourism and Tourist Nature of Tourism Geography
Sept		Scope of Tourism Geography Historical development of Tourism Significance of Tourism Geography
Oct	Module II: Classification and Recent Trends in Tourism	Classification on the basis of Nationality, Time , Number of Tourist, Transportation and season Recent Trends in Tourism
Nov	Module III: Impact of Tourism	Economic Impact Socio-Cultural Impact

ANNUAL TEACHING PLAN-2023-24

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-II (IDS)

SEM:-II

Paper No.: II

Subject: GE-2, Tourism Geography Paper title: Development and Planning of Tourism

Month	Topic/Unit	Sub-units Planned
Dec/Jan	Module I: Development and Planning of Tourism in India	Syllabus and Introduction Tourism in ancient period Tourism in modern period
		Role of tourism in national economy Tourism planning in India
February	Module II: Tourism Centers in India	Natural tourism centers in India Religious tourism centers in India Cultural tourism centers in India Historical tourism centers in India
March	Module III: Development and Planning of Tourism in Maharashtra	Development of Tourism in Maharashtra Planning of Tourism in Maharashtra
April		Revision



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2023-24

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-V

Subject: E-107, Geography Paper title: Population Geography , Paper No.: IX

Month	Topic/Unit	Sub-units Planned
July Aug	Module -I Introduction to Population Geography	Syllabus and Introduction Definition of Population Geography Nature and Scope of Population Geography Significance of Population Geography Source of Population Data
Sept	Module -II Population Growth and Distribution	World Population Growth Factors affecting on the Population Distribution Population Distribution of the World Population Concepts: Minimum, Optimum and Over Population
Oct	Module -III Population Dynamics	Concept of Population Dynamics Fertility: Concept and Types Fertility: Causes, Effects and Measures Mortality: Concept and Types Mortality: Causes, Effects and Measures
Nov	Module -IV Population Composition	Age Sex Literacy Rural and Urban Population



Shikshan Prasarak Sanstha's
Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2023-24

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

SEM:-VI

Paper No.: X

Subject: E-231, Geography

Paper title: Economic Geography

Month	Topic/Unit	Sub-units Planned
Jan	Module – I Introduction to Economic Geography	Syllabus and Introduction Definition, Nature and Scope Concept and Classification of Economic Activity Branches of Economic Geography Significance of Economic Geography
Feb	Module – II Economic Activity	Factors Affecting on Location of Agricultural Activity Factors Affecting on Location of Industrial Activity Alfred Weber's Theory of Industrial Location
March	Module – III Manufacturing Activity	Concept of Manufacturing Region Concept of Special Economic Zone Major Industries: i) Cotton Textile Industry - USA ii) Iron and Steel Industry – USA iii) Sugar Industry – Brazil iv) Automobile Industry – India
April	Module – IV Transport and Trade	Significance of Transportation Major Transport Routs: Roadway, Railway, Airway and Ocean Routs International Trade: India and USA Trade Policies: India and USA



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN-2023-24

Name of Teacher:- Dr. D. A. Gade

Class: B.A.-III

Division: 'A'

SEM:-VI

Subject: DSE, E-235 Paper title: Advance Tools Techniques & field works Paper No.: XIV

Month	Topic/Unit	Sub-units Planned
Aug	Module-I: Introduction to Computer	Syllabus and Introduction to Computer Application of computer in geography a) Construction of Line Graphs, Bar Graphs b): Construction of Pie Diagram and Scatter Diagram Application of Excel for Data Analysis
Sept	Module:-II: Remote Sensing	Definition of Remote Sensing Fundamentals of Remote Sensing: - Aerial photographs and Satellite imagery: - Determination of Photo Scale Elements of image interpretation Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery
Oct	Module-III: GIS and GNSS	Geographical Information System (GIS) Raster and Vector data Georeferencing, Digitization, Map Layout Preparation Global Navigation Satellite System Exercise with Google earth Program
Nov	Module-IV: Statistical methods and techniques	Measures of Central Tendency:- Dispersion:- Association and Correlation:- Analysis of Time Series:
Dec	Module-V: Surveying	Introduction to Survey: Meaning and types Plane Table survey, Dumpy Level survey, Theodolite survey, Total Station, Abony Level Survey Preparation of plans Prismatic compass survey Types and conversion of bearings. Correction of bearing.
Jan	Module-VI: Project work based on field work any one of following:	Resource survey, Population survey, Agricultural survey, Settlement Survey, Environmental issues, Industrial visit, Health survey, Natural Hazard or Disaster
Feb	Module- VII: Study Tour	Maximum 15 days of Study Tour and preparation of Tour Report./ Journal checking
March		Journal / Project Report/ Study tour Report


Dr. D. A. Gade



P.V.P. Mahavidyalaya, Kavathe Mahankal

ANNUAL TEACHING PLAN

(Academic Year: 2023-2024)

Dr. N. S. Pol
Assistant Professor,
Dept. of Geography

Class: B. A. Part- I, II, & III

Month	Class	Paper No.	Units to be completed
Jully-2023	B.A. I	I	Introduction to Physical Geography & Meaning and Definitions, Meaning and Definitions
	B.A. II	III	1.1 Definition, Nature and Scope of Soil Geography 1.2 History of Soil Geography and Pedology 1.3 Significance of Soil Geography
	B.A. III Practical	IX	1.1 Contribution of Greeks and Romans 1.2 Geography in Muslim world 1.3 Renaissance period in Europe 1.4 Renowned travelers and their geographical discoveries
		XIII	1.1 Scale 1.1.1 Meaning and Definition, 1.1.2 Methods of Representation of scale - Verbal, Numerical and Graphical. 1.1.3 Scale Conversion 1.1.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Time and Distance Scale iii) Diagonal Scale 1.2 Map 1.2.1 Map – Definition , Elements 1.2.2 Classification of Maps: Based on Scale and Purpose 1.2.4 Significance and uses of Maps

Month	Class	Paper No.	Units to be completed
August-2023	B.A. I	I	2.1 Composition and Structure of Atmosphere 2.2 Insolation: Factors affecting on Insolation 2.3 Temperature: Distribution of temperature (Vertical and Horizontal) 2.4 Atmospheric Pressure: Belts and Planetary Winds.
	B.A. II	III	2.1 Jenny's Factorial Model of Soil Formation: Parent Material, Biotic, Climatic, Relief and Time factor. 2.2 Process of Soil Formation: Physical, Biotic and Chemical. 2.3 Physical Properties of Soils: Morphology, Texture, Structure, Water, Air and Temperature. 2.4 Chemical Properties of Soils: PH, Organic Matter, NPK (Nitrogen, Phosphorous and Potassium).

	B.A. III	IX	2.1 German School of Geography – Humboldt, Ritter 2.2 French School of Geography – Blache & Brunhes 2.3 American School of Geography – Sauer & Huntington 2.4 British School of Geography – Mackinder & Herbertson
	B.A. III Practical	XIII	2.1 Definition, Classification of Projections: a) Based on the methods of Construction: Perspective and Non-perspective b) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. d) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic e) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection)

Month	Class	Paper No.	Units to be completed
September 2023	B.A. I	I	3.1 Interior of the earth 3.2 Wagner's Continental Drift Theory 3.3 Earthquakes – Causes and Effects 3.4 Volcano –
	B.A. II	III	3.1 Genetic Classification of Soils. 3.2 Soil Characteristics and Major Soils Distribution in Maharashtra. 3.3 Soil Degradation: Concept, Causes, Consequences and Measures
	B.A. III	IX	3.1 Environmental Determinism and Possibilism 3.2 Systematic & Regional geography 3.3 Physical & human geography 3.4 The myth and reality about dualisms
	B.A. III Practical	XIII	3.1 Slope and Gradient 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 3.1.2 Methods of Relief Representation i. Qualitative :- Hachures, Hill shading, Layer Tint

Month	Class	Paper No.	Units to be completed
October 2023	B.A. I	I	4.1 Weathering: Concept and Types 4.2 Davis Concept of Cycle of erosion 4.3 Erosional Landforms of river. 4.4 Depositional Landforms of river.
	B.A. II	III	4.1 Soil Profile 4.2 Soil Sample: Tools 4.3 Soil Analysis: Saline and Alkaline 4.4 Vermicompost Process
	B.A. III	IX	3.4 The myth and reality about dualisms 4.1 Quantitative Revolution and its Impact 4.2 Changing Concept of Space in Geography 4.3 Contribution of Indian Geographer 4.4 Future of Geography

	B.A. III Practical	XIII	3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills 3.1.3 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff. 3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile
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Month	Class	Paper No.	Units to be completed
November 2023	B.A. I	I	4.3 Erosional Landforms of river. 4.4 Depositional Landforms of river.
	B.A. II	III	4.3 Soil Analysis: Saline and Alkaline 4.4 Vermicompost Process
	B.A. III	IX	4.2 Changing Concept of Space in Geography 4.3 Contribution of Indian Geographer 4.4 Future of Geography
	B.A. III Practical	XIII	3.2 Profiles 3.5.1 Superimposed Profile 3.5.2 Composite Profile 3.5.3 Projected Profile 3.5.4 Longitudinal Profile

November/December 2023	University Examination
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Month	Class	Paper No.	Units to be completed
December 2023	B.A. I	II	Definitions of Human Geography 1.2 Scope of Human Geography 1.3 Branches of Human Geography 1.4 Importance of Human Geography
	B.A. II	IV	1.1 Definition, Nature, Scope and Significance of Agricultural Geography 1.2 Evolution of agriculture: Ancient, Medieval and Modern Period 1.3 Determinants of Agriculture: Physical and Human (economic, social, cultural, political and administrative)
	B.A. III	XI	1.1 Urban Geography Introduction: Meaning and Definitions 1.2 Nature of Urban Geography 1.3 Scope of Urban Geography 1.4 Significance of Urban Geography
	B.A. III Practical	XIII	4.1 Development of Survey of India 4.2 Types or Indexing of S.O.I. Topographical Maps 4.3 Signs, Symbols and Colors used in SOI Toposheet 4.4 Interpretation of S.O.I.'s Topographical Map (Mountain, Plateau and Plain) a) Marginal Information b) Physical environment: Relief, Drainage and Vegetation c) Cultural environment: Settlements, Transportation and Communication, Irrigation. d) Land Use

Month	Class	Paper No.	Units to be completed
January 2024	B.A. I	II	Factors affecting on distribution of population 2.2 Malthus' theory of Population Growth 2.3 Demographic Transition Theory 2.4 Migration: Types and Effects
	B.A. II	IV	2.1 Major Agricultural Systems: Nomadic Herding, Livestock Ranching, Shifting Cultivation, Intensive Subsistence Farming, Commercial Farming and Horticulture 2.1 Von Thunen's Theory of Agricultural land-use
	B.A. III	XI	2.1 Site and Situation: Significance and Types. 2.2 Concept and Factors of Urbanization. 2.3 Patterns of Urbanization in developed and developing countries. 2.4 Functional classification of cities (Quantitative and Qualitative).
	B.A. III Practical	XIII	5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function a) Thermograph b) Barograph c) Dry and Wet Bulb Thermometer d) Wind vane e) Cup Anemometer f) Rain Gauge. 5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression. 5.3 Sign and Symbols used in Indian Daily Weather Maps. 5.4 Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer) Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal.

Month	Class	Paper No.	Units to be completed
February 2024	B.A. I	II	3.1 Types and patterns of rural settlements 3.2 Functions of Rural Settlements 3.3 Factors affecting on urbanization 3.4 Functions of Urban Centers
	B.A. II	III	3.1 Methods of Agricultural Regionalization: Crop Combination and Crop Diversification 3.2 Agricultural Problems: Physical and Non-Physical (Economic, Social, Cultural, Political and Administrative) 3.3 Sustainable Agriculture
	B.A. III	XI	3.1 Concept of Structure and Morphology 3.2 Concept of City Region and C.B.D. 3.3 Rural-Urban Fringes. 3.4 Models of Town Morphology: The concentric Zone Theory, The Sector Theory and the Multi-Nuclei Theory.
	B.A. III Practical	XIII	6.1 Graphs and Diagrams 6.1.1 Diagrammatic Data Presentation: i) Line Graph (Simple, Multiple and Band Graph) ii) Bar Graph (Simple, Multiple and Compound) iii) Pie Diagram 6.2 Thematic Mapping Techniques: i) Proportional Circle ii) Choropleth Map iii) Dot Map iv)

			Isopleths 6.3 Cartographic Overlays: i) Point ii) Line iii) Areal Data
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Month	Class	Paper No.	Units to be completed
April 2023	B.A. I	II	4.1 Origin and History of Agriculture 4.2 Types of Agriculture 4.3 Factors affecting on agriculture 4.4 Problems of Agriculture
	B.A. II	III	4.1 Line Graphs 4.2 Bar Graphs 4.3 Divided Circle 4.4 Proportional Squar
	B.A. III	XI	4.1 Urban Issues: problems of transport). 4.2 Concept of Garden 4.3 Case studies of Delhi, Mumbai, with reference to Land use and Urban Issues.
	B.A. III Practical	XIII	Journal Cheeking & Certified Work

Month	Class	Paper No.	Units to be completed
November/ December 2023 April/May 2024	B.A. I	I & II	University Examination
	B.A. II	III & VI	University Examination
	B.A. III	IX, XI, XIII	University Examination



PADMBHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA
KAVATHE MAHANKAL

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Mr. D. M. Godase

Class: B. Com - I

Division: -

SEM: - I

Subject: GEC- BC1 Geography

Paper title: Commercial Geography.

Paper No.: I

Month	Topic/Unit	Sub-units Planned
July	Module – I Introduction to Commercial Geography	Admission Process Syllabus and Introduction Meaning and Definitions Scope of Commercial Geography Significance of Commercial Geography
August	Module- II Resources	Meaning and Importance of Resources. Classification of Resources Conservation of Resources and Sustainable economic development. Major Bio Resources and Their International Trade
Sept	Module – III Economic Activities	Classification of economic activities. Factor affecting economic activities. Economic activities and their national economy.
Oct	Module – IV Resources.	Meaning and Definitions of resource. Classification of resources. Conservation of Resources and Sustainable economic development. Importance of Resources.
Nov	Module –V Globalization	Meaning of Globalization Impact of Globalization. Globalization and Indian economy Trade organizations – WTO, OPEC, EEC.


(Mr. D. M. Godase)



PADMBHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA

KAVATHE MAHANKAL

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Mr. D. M. Godase

Class: B. Com - I

Division: -

SEM: -II

Subject: GEC- BC2 Geography

Paper title: Marketing Geography.

Paper No.: II

Month	Topic/Unit	Sub-units Planned
Dec	Module – I Introduction to Marketing Geography	Marketing Geography – Concept and Meaning Marketing Geography- Nature Marketing Geography- Scope Marketing Geography- Significance Marketing Geography- Primary Components
Jan	Module- II Market System	Definition of Market Structure and Significance of Markets. Geographical factor affecting market system Classification of Market
Feb	Module – III Agriculture Marketing	Definition and Significance of Agricultural Marketing. Nature and approaches to the study of Agricultural. Process and system of Agricultural Marketing. Functions and channels of Agricultural Marketing.
March	Module – IV Tourism Marketing in India.	Meaning & Importance of Tourism in India Tourism in Modern Period in India
April	Module - IV Tourism Marketing in India.	Major tourism centers in a) Jammu & Kashmir b) Delhi c) Uttaranchal d) Maharashtra e) Goa f) Kerala


(Mr. D. M. Godase)



PADMBHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA

KAVATHE MAHANKAL

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Mr. D. M. Godase

Class: B.A.-II

Division: 'A'

SEM: -III

Subject: DSE-D 20 Geography

Paper title: Resource Geography.

Paper No.: IV

Month	Topic/Unit	Sub-units Planned
July	Module – I Introduction to Resource Geography	Admission Process Syllabus and Introduction Meaning and Definitions Scope of resource Geography Resource Geography: Concept and Classification Importance of Resource Geography
August	Module- II Major Resources	Water Resources: Distribution, Utilization and problems Forest Resources: Distribution, Utilization and problems Energy Resources: Distribution, Utilization and problems Human Resources: Distribution, Utilization and problems
Sept	Module – III Sustainable Resource Development	Concept of Sustainable Resource Development Sustainable Natural Resource Development: Water, Forest and Energy. Sustainable Human Resource Development
Oct	Module – IV Sustainable Resource Development in India	Need of Sustainable Resource Development in India Management for Sustainable Natural Resource Development: Water, Forest and Energy. Management for Sustainable Natural Resource Development
Nov	Module –V Practical	Proportional circle Choropleth Map Dot Map Isopleth Map


(Mr. D. M. Godase)



PADMBHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA
KAVATHE MAHANKAL

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Mr. D. M. Godase

Class: B.A - II

Division: A

SEM: -IV

Subject: DSC- D 47 Geography

Paper title: Oceanography.

Paper No.: V

Month	Topic/Unit	Sub-units Planned
Dec	Module – I Introduction to Oceanography	Definition, Nature and Scope of Oceanography Oceanography and Physical Sciences Branches of Oceanography Significance of Oceanography
Jan	Module- II Properties and Dynamics of Ocean	Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature. Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity. Oceanic Currents: Types of Oceanic currents, Responsible factors for Origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean.
Feb	Module – III Applied Oceanography	Ocean or Marine deposits: Sources and Classification. Ocean Resources – Biotic- Mineral and Energy Resources. Ocean as sources of food and as storehouse of resources for the future.
March	Module – IV Man, and Oceans.	Manipulation of costal process. Ocean Pollution – Causes, Effects and Measures. Overfishing and fishery management.
April	Module - IV Practical's (Theory Only)	Hypsographic Curve Wind rose Isohalines Isotherms


(Mr. D. M. Godase)



PADMBHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA
KAVATHE MAHANKAL

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Mr. D. M. Godase

Class: B.A.-III

Division:

SEM: -V

Subject: E107

Paper title: Geography of India.

Paper No.: VIII

Month	Topic/Unit	Sub-units Planned
July	Module- I Physical Profile of India	Location (Absolute and Relative) Physiographic Divisions (Characteristics and Importance)
August	Module- I Physical Profile of India	Climate: Summer, Rainy and Winter Seasons in India (weather conditions and Characteristics) Major Drainage Systems: a) Northern River Systems (Sindhu, Ganga & Brahmaputra) b) Southern River Systems (Godavari, Krishna & Cauvery) (Characteristics and Importance)
Sept	Module –II Soils and Forests	Major soil types, characteristics and its distribution in India Soil degradation and soil conservation in India Major forest types: characteristics and their distribution Deforestation and conservation of forests in India
Oct	Module –III Mineral and Power Resources	Conventional Resources: Iron Ore and Manganese (Distribution, Production and Trade) Power Resources: Coal and Mineral Oil (Distribution, Production and Trade) Non-Conventional Resources: Solar and Wind (Distribution, Production and Trade)
Nov	Module – IV Agriculture and Industry	Importance of Agriculture in Indian Economy. Major Crops: Rice and Sugarcane (Distribution, Production and Trade) Importance of Industries in Indian Economy. Industries: Location Factors, Sugar Industry, Iron and Steel Industry and Fertilizer Industry (Distribution, Production and Trade)


(Mr. D.M. Godase)



PADMBHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA
KAVATHE MAHANKAL

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Mr. D. M. Godase

Class: B.A - III


Division:

SEM: -VI

Subject: DSE – E 233

Paper title: POLITICAL GEOGRAPHY. Paper No.: XII

Month	Topic/Unit	Sub-units Planned
Dec	Module – I Introduction to Political Geography	Definition of Political Geography Nature and Scope of Political Geography Approaches of Political Geography Significance of Political Geography
Jan	Module- II Concepts in Political Geography	State Nation Boundary Frontier
Feb	Module – III Theories in Political Geography	Hartland Theory - Halford J. Mackinder Rimland Theory – Nicholas J. Spykeman
March	Module – IV Resource Disputes and Conflicts	Krishna Water Dispute Ganga Water Dispute
April	Module - IV Resource Disputes and Conflicts	Sardar Sarovar Project: Issues of Relief, Compensation and Rehabilitation Chandoli Dam Project: Issues of Relief, Compensation and Rehabilitation


(Mr. D.M. Godase)



PADMBHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA

KAVATHE MAHANKAL

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Mr. D. M. GODASE

Class: B.A.-III


SEM: -

Paper: XIII (Practical Paper -I)

Subject: DSE-E234.

Paper title: Fundamentals of Map Making and Map Interpretation

Month	Topic/Unit	Sub-units Planned
July	Module VI: Weather Instruments and IMD Maps	Syllabus and Introduction Study of weather Instruments with reference to Principle, Mechanism, and Function Thermograph Barograph Dry and Wet Bulb Thermometer Cup Anemometer Rain Gauge
Aug	Module VI: Weather Instruments and IMD Maps	Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression Signs and Symbols used in Indian Daily Weather Maps Interpretation of Indian Daily Weather Maps Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal
Sept	Module VI: Weather Instruments and IMD Maps	Signs and Symbols used in Indian Daily Weather Maps Interpretation of Indian Daily Weather Maps Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal
Oct - Nov	Module VI: Representation Techniques of Statistical Data	Divided Rectangle Proportional Circle Proportional Square Choropleth Map Dot map Isopleth


(Mr. D. M. Godase)



PADMBHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA
KAVATHE MAHANKAL

ANNUAL TEACHING PLAN-2023-24

Name of Teacher: - Mr. D. M. GODASE


Class: B.A.-III

SEM: -

Paper: XIV (Practical Paper -II)

Subject: DSE-E235 Paper title: Advanced Tools, Techniques & Field Work in Geography

Month	Topic/Unit	Sub-units Planned
Dec	Module II: Remote Sensing	Definition of Remote Sensing Fundamentals of Remote Sensing: EMR, Sensors and Platforms Application of Remote Sensing in Geography Aerial photographs and Satellite imagery: Definition, types and difference between them
Jan	Module II: Remote Sensing	Determination of Photo Scale Elements of image interpretation Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery
Feb	Module III: GIS and GNSS	Geographical Information System (GIS) Definition and components GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data
March	Module III: GIS and GNSS	Georeferencing, Digitization, Map Layout Preparation Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring Global Navigation Satellite System Definition and components GPS and its applications in Geography Field work in GPS: Determining latitude, longitude and altitude Exercise with Google earth Program.
April	Module III: GIS and GNSS	Definition and components GPS and its applications in Geography Field work in GPS: Determining latitude, longitude and altitude. Exercise with Google earth Program.


(Mr. D.M. Godase)



P.V.P. Mahavidyalaya, K. Mahankal

ANNUAL TEACHING PLAN

(Academic Year: 2023-2024)

Mrs.V.P.Ghatage .
Assistant Professor, (C.H.B.)
Dept. of Geography

Class: B.Sc. Part- I

Month	Class	Paper No.	Units to be completed
From 3 July-Aug 2023	B.Sc. I	I	Introduction to Physical Geography . 1.1 Definition,Nature and scope of physical Geography. 1.2 Branches of physical Geography.
	B Sc I	II	Introduction to climatology 1.1 Definition and scope. 1.2 Composition and structure of the atmosphere 1.3 Elements of weather and climate 1.4 Insolation: Definition,solar constant,Factors affecting on distribution of insolation,distribution of insolation and Heat balance of the earth.
	B.Sc. I Practical	I	MAP 1.1 Map: Definition, Elements and Types 1.2 Maps and Globe- Similarities and Differences 1.3 Significance and uses of Maps and Globes. Map Scale Map Scale 2.1 Meaning and Definition, 2.1 Methods of Representation of scale - Verbal, Numerical and Graphical. 2.3 Scale Conversion-i) verbal to numerical. ii) Numerical to verbal. 2.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Comparative Scale iii) Time and Distance Scale iv) Diagonal Scale
Month	Class	Paper No.	Units to be completed
Aug-Sept 2023	B.Sc. I	I	Introduction to Physical Geography 1.3 Components of earth systems 1.4 importance of physical Geography 1.5 Interior of the Earth Structure of the Earth's interior Density and Temperature in the interior of the earth 1.6 Forces of the Earth crust: Endogenetic Forces, Diastrophic Forces, Epeirogenetic Forces Orogenitic Forces

	B.Sc. I	II	1.5 Temperature: Controlling factors of temperature Distribution of temperature; vertical and horizontal 1.6 Atmospheric pressure: Definition, Affecting factors and Distribution of air pressure; vertical and horizontal, pressure belts, shifting of pressure belts.
	B.Sc. I Practical	I	3.1 Definition, Classification of Projections: i) Based on the methods of Construction: Perspective and Non- perspective ii) Based on Developable Surface used: Conical, Cylindrical, Zenithal, Conventional. iii) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique. iv) Based on Position of view point or light: Gnomonic, Stereographic, Orthographic v) Based on Preserved qualities: i) Equal area projection (Homolographic) ii) Orthographic Projection iii) Azimuthal Projection (True Bearing Projection) 3.2 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal polar Equidistant Projection iii) Zenithal Polar Equal Area Projection iv) Cylindrical Equal-Area projection v) Simple Conical Projection with one standard Parallel vi) Bonne's Projection vii) Mercator's Projection .

Month	Class	Paper No.	Units to be completed
Sep-Oct 2023	B.Sc. I	I	1.7 Wegeners Theory of continental Drift. 1.8 Theory of Plate tectonics: plates and boundaries and associated landforms. Denudation 2.1 Concept of denudation 2.2 Weathering 2.3 Fluvial cycle of Erosion; W.M. Davis 2.4 Evolution of landforms: erosional and depositional Fluvial Aeolian.
	B.Sc. I	II	1.7 Winds: Planetary winds 1.8 Climate Change: Concept, Natural and Human Causes of Climate change. Oceanography 2.1 Definition 2.2 Surface Configuration of Ocean Floor. 2.3 Temperature of Ocean Water: Factors affecting on Horizontal Distribution of Temperature of Ocean Water, vertical Distribution of Temperature Ocean Water 2.4 Salinity of Ocean Water: Affecting Factors on salinity of ocean water, Distribution of salinity- Horizontal and Regional.

	B.Sc.I Practical	I	Representation of Statistical Data. 4.1 Graphs and Diagrams I) One Dimensional Diagrams: d) Band Graph e) Climograph f) Hythergraph
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November 2023	University Examination
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Month	Class	Paper No.	Units to be completed
Nov-Dec 2023	B.sc. I	III	Human Geography and Human Race 1.3 Definitions and Scope of Human Geography 1.4 Branches of Human Geography 1.3 Importance of Human Geography 1.4 Human Races: Classification and world Racial groups
	B.Sc. I	IV	Composition of population and Population Migration 1.1 Age Composition: Factors affecting on Age Composition, Age Composition in India. 1.2 Sex Ratio: Factors Affecting on Sex Composition, sex composition in India. 1.3 Human Migration: Definition
	B.Sc.I Practical	I	Representation of statistical data 4.2 Two Dimensional Diagrams: c) Proportional circle d) Proportional Spheres 4.3 Three Dimensional Diagram: Cube Diagram

Month	Class	Paper No.	Units to be completed
Dec-Jan 2024	B.Sc. I	III	Human Geography and Human Race 1.5 Human life : ESKIMO and PYGMY Population 2.1 World Growth of Population.
	B.Sc. I	IV	Composition of population and Population Migration 1.4 Types of Migration 1.5 Causes of Migration 1.6 Consequences of Migration Population Policies of Indian and Population projections

	B.Sc.I Practical	I	Representation of statistical data 4.4 Distributional Diagrams a) Choropleth Map b) Isopleth Map Remote Sensing 5.1 Definition, Concept and history of Remote Sensing

Month	Class	Paper No.	Units to be completed
Feb-Mar 2024	B.Sc. I	III	Population 2.2 Factors affecting the distribution of the World population. 2.3 Distribution of the World population
	B.Sc. I	IV	Settlements 2.1 Definition and Types of Settlements. 2.2 Pattern of Rural Settlements. 2.3 Functions of rural settlements
	B.Sc.I Practical	I	Remote Sensing 5.2 Elements of Remote Sensing: EMR, Sensors and Platforms. 5.3 Application of Remote Sensing in Geography 5.4 Aerial photographs and Satellite imagery: Definition, types and difference between them. 5.5 Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery with the help of stereoscope. 5.6 Determination of photo Scale.

Month	Class	Paper No.	Units to be completed
Mar- April 2024	B.Sc. I	III	Population 2.4 Theory of Population Growth-Malthus 2.5 Demographic Transition Theory
	B.Sc. I	IV	Settlements 2.3 Urbanization 2.4 Classification of Urban Settlements 2.5 Functions of Urban Settlement.
	B.Sc.I Practical	I	Journal Checking & Certified Work

Month	Class	Paper No.	Units to be completed
May 2024	B.Sc. I		University Examination

P.V.P Mahavidyalaya, Kavathe Mahankal

Annual Teaching Plan
(Academic Year 2023-24)



Miss –S.G.Mane

Assistant Professor (C.H.B)

Dept. of Geography

Class : B.A.I, B.A.II,B.A.III

Month	Class	Paper No	Units to be Completed
July -Aug 2023	B.A.I	I	Denudation 3.1 Weathering Concept and types
	B.A.II	IV	Introduction to Resource Geography 1.1 Definition and scope of resource 1.2. Resource : Concept and classification 1.3 Importance of Resource Geography
	B.A.II (I.D.S)	I	Impact of tourism Impact Of Environment Sustainable development of tourism
	B.A.III (Practical)	XIV	Surveying 5.1 Introduction to survey meaning and types. Plan table survey Radial Method
Aug –Sept 2023	B.A.I	I	Denudation 3.2 Davis Concept of cycle of Erosion
	B.A.II	IV	Major Resources 2.1 water Resources : Distribution , Utilization Problems. 2.2 Forest Resources: Distribution , and Problems. 2.3 Energy Resources: Distribution , and Problems. 2.4 Human Resources: Distribution , and Problems.
	B.A.II (IDS)	I	Use of computer in tourism Geography 4.1 e - ticket booking 4.2 Search hotels and destination 4.3 Promotion of tour Agency

	B.A.III	XIV	Survey Plan Table Survey Intersection Method
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Month	Class	Paper No	Units to be Completed
Sept- Oct 2023	B.A.I	I	Denudation 3.3 Erosional land of river
	B.A.II	IV	Sustainable Resource Development 3.1 concept of Sustainable Resource Development 3.3 Sustainable Natural Resource Development
	B.A.II (IDS)	I	Mapping and distance Calculation through computer Sustainable Development of tourism Data collection Techniques in tourism Geography 5.1. Field Surveys and interviews for gathering primary data.
	B.A.III Practical	XIV	Plane Table Survey: Traverse Method
Oct – Nov 2023	B.A.I	I	Denudation 3.4 Depositional land forms of river
	B.A.II	IV	Sustainable Resource Development in India 4.1 Need of sustainable Resource Development in India 4..2 Management for Sustainable Natural Resource Development water forest and Energy. 4.3Managment for Sustainable Human Resource Human Resource Development
	B.A.II (IDS)	I	Questionnaires and surveys for collecting tourist information . Sampling techniques in tourism geography research
	B.A.III (Practical)	XIV	Preparation of Plan Prismatic compass survey radial Method

Nov – Dec 2023			University Examination
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Month	Class	Paper No	Units to be Completed
Dec-2023 Jan – 2024	B.A.I	II	Settlement 3.1 Types and patterns of rural settlements
	B.A.II	V	Introduction to Oceanography 1.1 Definition Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography
	B.A.II (IDS)	II	Development and planning of tourism in Maharashtra 3.1 Development of tourism in Maharashtra
	B.A.III (Practical)	XIV	Prismatic compass survey - Intersection Method
Jan-Feb 2024	B.A.I	II	Settlement 3.2 Functions of rural settlements
	B.A.II	V	Properties and dynamics of ocean 2.1 Oceanic Temperature - factors affecting on ocean Temperature and distribution of ocean temperature 2.2 Salinity of ocean : Factors affecting on oceanic salinity and horizontal distribution of oceanic salinity 2.3 Oceanic Currents: Types, Responsible factors for origin of ocean currents, and ocean currents of the pacific, Atlantic, Indian ocean.
	B.A.II (IDS)	II	Planning of tourism in Maharashtra. Tourism centers in Maharashtra 4.1 Natural tourism Centers in Maharashtra 4.2 Religious tourism centers in Maharashtra
	B.A.III (Practical)	XIV	Prismatic compass Survey - Traverse Method

Month	Class	Paper No	Units to be Completed
Feb – March 2024	B.A.I	II	Settlement 3.3 Factors affecting on urbanization
	B.A.II	V	Applied Oceanography 3.1 Ocean or Marine deposits : Sources and classification 3.2 Ocean Resources Biotic -Mineral and Energy Resources 3.3 Ocean as Sources of food and as storehouse of resources for the future Man and oceans 4.1 Manipulation of costal process.
	B.A.II (IDS)	II	Tourism Center 4.3 Cultural tourism centers in Maharashtra 4.4 Historical tourism centers in Maharashtra
	B.A.III (Practical)	XIV	Types Of Conversion of Bearings correction of bearing.
March– April 2024	B.A.I	II	Settlement 3.4 Factions of urban centers
	B.A.II	V	Man and Oceans 4.2 Ocean Pollution - Causes, Effects ND measures. 4.3 Overfishing and fishery management Practical's (Theory Only) Hypsographic curve, wind rose, Isohalines, Isotherms,
	B.A.II (IDS)	II	Travel documentation 5.1 Passport 5.2 Visa 5.3 Ticketing 5.4 Tour itinerary
	B.A.III (Practical)	XIV	Journal Checking & Certified Work
April–May 2024			University Examination

Miss. Mame S.G.